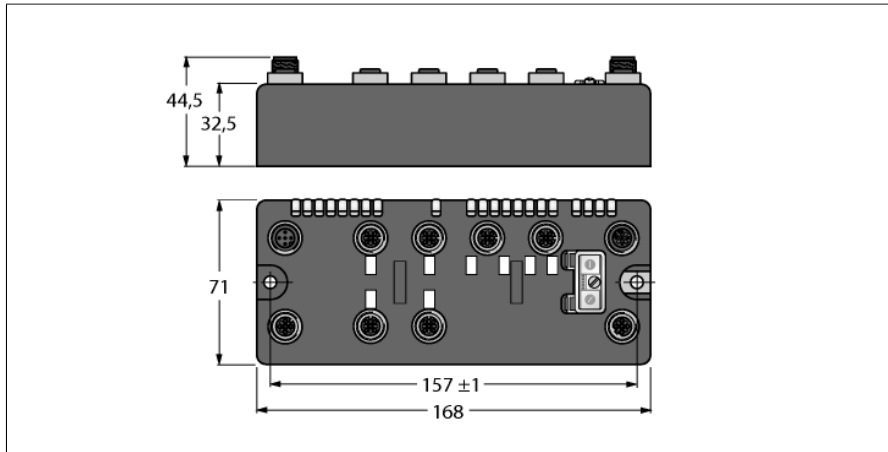


# BL compact multiprotocol station voor Industrial Ethernet Interface for Connection of 2 BL ident® Read/Write Heads (HF/ UHF) and 8 Configurable Digital PNP Channels BLCEN-6M12LT-2RFID-S-8XSG-P



|                                     |                                                                                                                                                                                                                                                                                            |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type                                | BLCEN-6M12LT-2RFID-S-8XSG-P                                                                                                                                                                                                                                                                |
| Identnr.                            | 6811454                                                                                                                                                                                                                                                                                    |
| Nominale systeemspanning            | 24 VDC                                                                                                                                                                                                                                                                                     |
| Systeemvoeding                      | via hulpspanning                                                                                                                                                                                                                                                                           |
| Aansluittechniek - spanningsvoeding | 2 x M12, 5-polig                                                                                                                                                                                                                                                                           |
| Toegelaten bereik Vi                | 18...30 VDC                                                                                                                                                                                                                                                                                |
| Nominale stroom Vi                  | 250 mA                                                                                                                                                                                                                                                                                     |
| Max. stroom Vi                      | 2 A                                                                                                                                                                                                                                                                                        |
| Toegelaten bereik Vo                | 18...30 VDC                                                                                                                                                                                                                                                                                |
| Nominale stroom Vo                  | 100 mA                                                                                                                                                                                                                                                                                     |
| Max. stroom Vo                      | 4 A                                                                                                                                                                                                                                                                                        |
| Potentiaalscheiding                 | De 8XSG I/O-kaarten hebben een gemeenschappelijk referentiepotentiaal voor de bedrijfs- en lastspanning op basis van hun vrij kiesbare digitale kanalen. Alle spanningsbronnen op dit apparaat (VI / VO / V+) moeten bovendien gelijktijdig op geschikte stroombronnen worden aangesloten. |

- On-Machine™ compacte veldbus I/O-blocks
- EtherNet/IP™, Modbus® TCP, of PROFINET slave
- geïntegreerde Ethernet switch
- 10 Mbps / 100 Mbps ondersteund
- twee 4-polige M12, D-gecodeerd, connectoren voor veldbusaansluiting
- 2 rotatieve schakelaars voor het node adres
- IP 69K
- M12 I/O ports
- LEDs indicating status and diagnostics
- Electronics galvanically isolated from the field level via optocouplers
- 8 digital PNP channels, 24 VDC
- Max. 0.5 A per channel
- Adjustable filter times (input delay)
- Input inverting possible
- Simple RFID interface
- Connection of 2 BL ident read/write heads
- Max. cable length 50 m

|                                |                                                                                                                                               |
|--------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Transmissiesnelheid veldbus    | 10/100 Mbit/s                                                                                                                                 |
| Instelling transmissiesnelheid | automatische herkenning                                                                                                                       |
| Adresbereik veldbus            | 1...92<br>0 (192.168.1.254)<br>93 (BOOTP)<br>94 (DHCP)<br>95 (PGM)<br>96 (PGM-DHCP) *aanbevolen voor PROFINET<br>97...98 (fabrikantspecifiek) |
| Adressering veldbus            | 2 dec. Rotary coding switches                                                                                                                 |
| Aansluittechniek veldbus       | 2 × M12<br>4-pin, D-coded                                                                                                                     |
| Protocolherkenning             | Automatisch                                                                                                                                   |
| Webserver                      | geïntegreerde                                                                                                                                 |
| Service-interface              | Ethernet                                                                                                                                      |
| Verkoper ID                    | 48                                                                                                                                            |
| Producttype                    | 12                                                                                                                                            |
| Productcode                    | 11454                                                                                                                                         |

|                             |                                                |
|-----------------------------|------------------------------------------------|
| <b>Modbus TCP</b>           |                                                |
| Adressering                 | Static IP, BOOTP, DHCP                         |
| Ondersteunde function codes | FC1, FC2, FC3, FC4, FC5, FC6, FC15, FC16, FC23 |
| Aantal TCP-aansluitingen    | 6                                              |
| Aantal ingangsdata (PAE)    | max. 15 Register                               |
| Input Register Startadres   | 0 (0x0000 hex)                                 |
| Aantal uitgangsdata (PAA)   | max. 13 Register                               |
| Output Register Startadres  | 2048 (0x0800 hex)                              |

|                                 |                                  |
|---------------------------------|----------------------------------|
| <b>EtherNet/IP</b>              |                                  |
| Adressering                     | Volgens EtherNet/IP-specificatie |
| Device Level Ring (DLR)         | ondersteund                      |
| Class 1-verbindingen (CIP)      | 6                                |
| Input Assembly Instance         | 103                              |
| Aantal ingangsdata (PAE)        | 16 INT                           |
| Output Assembly Instance        | 104                              |
| Aantal uitgangsdata (PAA)       | 13 INT                           |
| Configuration Assembly Instance | 106                              |
| Configuration Size              | 0                                |
| Comm Format                     | Data - INT                       |

|                                 |                                 |
|---------------------------------|---------------------------------|
| <b>PROFINET</b>                 |                                 |
| Adressering                     | DCP                             |
| Conformiteitsklasse             | B (RT)                          |
| MinCycleTime                    | 1 ms                            |
| Diagnose                        | volgens PROFINET Alarm Handling |
| Topologieherkenning             | ondersteund                     |
| Automatische adressering        | ondersteund                     |
| Media Redundancy Protocol (MRP) | ondersteund                     |
| Aantal ingangsdata (PAE)        | max. 26 BYTE                    |
| Aantal uitgangsdata (PAA)       | max. 26 BYTE                    |

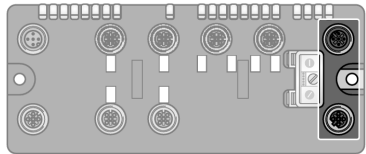
|                                     |                                  |
|-------------------------------------|----------------------------------|
| <b>Digitale ingangen</b>            |                                  |
| Ingangstype                         | PNP                              |
| Type ingangsdiagnose                | groepdiagnose                    |
| Sensorvoeding ( $V_{\text{SENS}}$ ) | 24 VDC from supply voltage       |
| Signaalspanning laag niveau         | 4.5 V                            |
| Signaalspanning laag niveau         | < 4.5 VDC                        |
| Signaalspanning hoog niveau         | 7...30 VDC                       |
| Signaalstroom laag niveau           | < 1.5 mA                         |
| Signaalstroom hoog niveau           | 2.1...3.7 mA                     |
| Ingangsvertraging                   | 0,25 of 2,5 ms (configureerbaar) |

|                                     |                                 |
|-------------------------------------|---------------------------------|
| digitale uitgangen                  | van 8XSG                        |
| Uitgang                             | PNP                             |
| Sensorvoeding ( $V_{\text{SENS}}$ ) | 24 VDC                          |
| Uitgangsstroom per kanaal           | 0.5 A                           |
| Uitgangsspanning                    | 24 VDC from supply voltage      |
| Uitgangsvertraging                  | 3 ms                            |
| Belastingstype                      | Resistive, inductive, lamp load |
| Lastweerstand ohmsch                | > 48 $\Omega$                   |
| Lastweerstand inductief             | < 1.2 H                         |
| Lampbelasting                       | < 3 W                           |
| Schakelfrequentie ohmsch            | < 200 Hz                        |
| Schakelfrequentie inductief         | < 2 Hz                          |
| Schakelfrequentie lampbelasting     | < 20 Hz                         |
| Kortsluitbeveiliging                | ja                              |

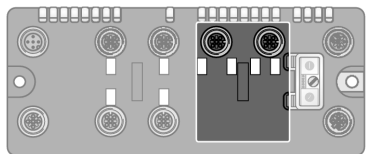
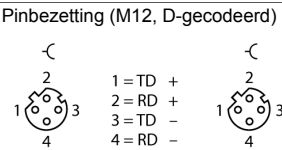
|                         |                                                       |
|-------------------------|-------------------------------------------------------|
| <b>Technologie</b>      |                                                       |
| Signaaltipe             | Simple RFID interface                                 |
| Aantal kanalen          | 2                                                     |
| Sensorvoeding           | 0.5 A per channel, short-circuit proof                |
| Gelijktijdigheidsfactor | 1                                                     |
| Transmissiesnelheid     | 115.2 kbps                                            |
| Kabellengte             | 50 m                                                  |
| Potentiaalscheiding     | Electronics and field level isolated via optocouplers |

|                                    |                                                       |
|------------------------------------|-------------------------------------------------------|
| <b>Afmetingen</b>                  |                                                       |
| Montage                            | 2 x 5,4 mm diameter opening, 1,7 Nm draaimoment       |
| Gewicht                            | 600 $\pm$ 20 g                                        |
| Behuizingsmateriaal                | Glass fiber reinforced nylon, nickel-plated connector |
| Behuizingskleur                    | zwart                                                 |
| Materiaal schroef                  | Vernikkelde messing                                   |
| Materiaal label                    | Polyester met bekleding uit polycarbonaat             |
| Materiaal etiket aarding           | Nickel-plated brass                                   |
| Beschermingsgraad                  | IP67<br>IP69K                                         |
| Omgevingstemperatuur               | -40...+70 °C                                          |
| Opslagtemperatuur                  | -40...+85 °C                                          |
| Relatieve vochtigheid              | 15...95 %, niet condenserend                          |
| Vibratietest                       | Volgens IEC 61131-2                                   |
| - tot 20 g (bij 10 tot 150 Hz)     | For mounting on base plate or machinery               |
| Schoktest                          | overeenkomstig IEC 61131-2                            |
| Elektromagnetische compatibiliteit | Volgens IEC 61131-2                                   |
| MTTF                               | 97 Jaren                                              |
| MTTF richtlijn                     | volgens SN 29500 (Ed. 99) 20 °C                       |
| Goedkeuringen en certificaten      | CE, cULus, Class I Div.2                              |

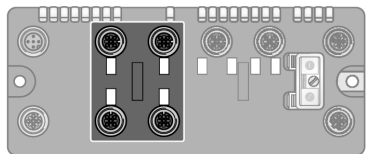
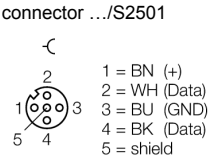
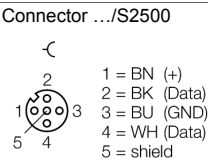
0



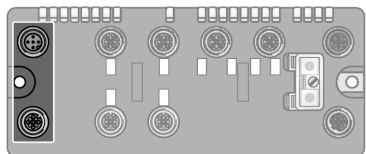
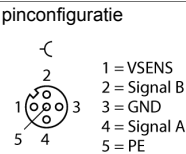
**Ethernet**  
veldbuskabel (IP67 voorbeeld): RSSD RSSD 441-2M Ident-No. U-02482 of RSSD-RSSD-441-2M/S2174 Ident-No. 6914218



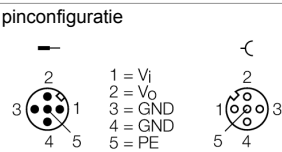
**slot 1: RFID-kanalen**  
verbindingskabel (voorbeeld): RK 4.5T-2-RS 4.5T/S2501 Ident-No. U3-01243 of RK4.5T-2-RS4.5T/S2500 Ident-No. 6699200



**slot 2: digitale in- en uitgangen**  
verbindingskabel (voorbeeld): RK 4.4T-2-RS 4.4T Ident-No. U2445 of RKC4.4T-2-RSC4.4T/TEL Ident-No. 6625208



**Hulpenergie**  
verbindingskabel (voorbeeld): RKC 4.4T-2-RSC 4.4T Ident-No. U5264 of RKC4.4T-2-RSC4.4T/TEL Ident-No. 6625208



**Status: Station LED**

| LED  | Color | Status            | Description                           |
|------|-------|-------------------|---------------------------------------|
| IO's |       | UIT               | Geen spanningsvoeding                 |
|      | ROOD  | AAN               | spanningsvoeding onvoldoende          |
|      | ROOD  | KNIPPEREND (1 Hz) | afwijkende stationsconfiguratie       |
|      | ROOD  | KNIPPEREND (4 Hz) | geen modulebuscommunicatie            |
|      | GROEN | AAN               | station OK                            |
|      | GROEN | KNIPPEREND        | Force Mode actief                     |
| BUS  |       | UIT               | Power Off                             |
|      | GROEN | Aan               | aangesloten op master                 |
|      | GROEN | KNIPPEREND        | operationeel                          |
|      | ROOD  | Aan               | Fout                                  |
|      | ROOD  | KNIPPEREND        | WINK                                  |
|      | GEEL  | Aan               | DHCP/BOOTP search                     |
| IO   | GREEN | ON                | I/O slots OK                          |
|      | GREEN | FLASHING (1Hz)    | At least one I/O slot in idle state   |
|      | RED   | ON                | At least one faulty I/O slot          |
|      | RED   | FLASHING          | At least one I/O slot in faulty state |

**Status: I/O LED, slot 1**

| LED       | Color | Status             | Description                                         |
|-----------|-------|--------------------|-----------------------------------------------------|
| D1 *      |       | UIT                | Geen diagnose actief                                |
|           | ROOD  | AAN                | stations / modulebus communicatiefout               |
|           | ROOD  | KNIPPEREND (0.5Hz) | gemeenschappelijke diagnose                         |
| RW0 / RW1 |       | OFF                | No tag, diagnostic disabled                         |
|           | GREEN | ON                 | Tag available                                       |
|           | GREEN | FLASHING (2 Hz)    | Data exchange with tag enabled                      |
|           | RED   | ON                 | Read/write head fault                               |
|           | RED   | FLASHING (2 Hz)    | Short-circuit in the supply line of read/write head |

\* De „D1“ LED signaleert ook de Gateway diagnose

**I/O LED Status Slot 2**

| LED                                              | Colour | Status             | Description                                            |
|--------------------------------------------------|--------|--------------------|--------------------------------------------------------|
| D2 *                                             |        | UIT                | Geen diagnose actief                                   |
|                                                  | ROOD   | AAN                | stations / modulebus communicatiefout                  |
|                                                  | ROOD   | KNIPPEREND (0.5Hz) | gemeenschappelijke diagnose                            |
| XSG channels<br>2 <sub>0</sub> ...2 <sub>7</sub> |        | OFF                | Channel status x = "0" (OFF),<br>no diagnostics active |
|                                                  | GREEN  | ON                 | Channel status x = "1" (ON)                            |
|                                                  | RED    | ON                 | Short-circuit at output                                |

\* De „D2“ LED signaleert ook de Gateway diagnose

# Process Data Mapping of the Single Protocols

## EtherNet/IP™ I/O and Diagnostic Data Mapping

| INPUT                          | BYTE    | Bit 7                             | Bit 6             | Bit 5             | Bit 4             | Bit 3                               | Bit 2                             | Bit 1             | Bit 0                                      |
|--------------------------------|---------|-----------------------------------|-------------------|-------------------|-------------------|-------------------------------------|-----------------------------------|-------------------|--------------------------------------------|
| RFID 1 <sub>0</sub>            | 0       | Done                              | Busy              | Fehler            | Trans. Conn.      | Trans. On                           | TP                                | TFR               | -                                          |
|                                | 1       | Error Cat. (Category Code)        |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 2       | Error Desc. (Description Code)    |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 3       | -                                 | -                 | -                 | -                 | -                                   | -                                 | -                 | -                                          |
|                                | 4...11  | Read Data (8 Byte)                |                   |                   |                   |                                     |                                   |                   |                                            |
| RFID 1 <sub>1</sub>            | 12      | Done                              | Busy              | Fehler            | Trans. Conn.      | Trans. On                           | TP                                | TFR               | -                                          |
|                                | 13      | Error Cat. (Category Code)        |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 14      | Error Desc. (Description Code)    |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 15      | -                                 | -                 | -                 | -                 | -                                   | -                                 | -                 | -                                          |
|                                | 16...23 | Read Data (8 Byte)                |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 24      | DI 2 <sub>7</sub>                 | DI 2 <sub>6</sub> | DI 2 <sub>5</sub> | DI 2 <sub>4</sub> | DI 2 <sub>3</sub>                   | DI 2 <sub>2</sub>                 | DI 2 <sub>1</sub> | DI 2 <sub>0</sub>                          |
|                                | 25      | -                                 | -                 | -                 | -                 | -                                   | -                                 | -                 | -                                          |
| Diagnose                       | 26      | Modulnummer meldet Diagnose Daten |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 27      | Austauschstation                  | -                 | Diagnose aktiv    | -                 | -                                   | -                                 | -                 | -                                          |
| Steckplatz 1<br>(ref. Byte 26) | 28      | -                                 | -                 | -                 | -                 | -                                   | RFID 1 <sub>0</sub> Trans. PS Off | -                 | -                                          |
|                                | 29      | -                                 | -                 | -                 | -                 | RFID 1 <sub>0</sub> Trans. PS Error | -                                 | -                 | RFID 1 <sub>0</sub> Trans. Hardware-Fehler |
|                                | 30      | -                                 | -                 | -                 | -                 | -                                   | RFID 1 <sub>1</sub> Trans. PS Off | -                 | -                                          |
|                                | 31      | -                                 | -                 | -                 | -                 | RFID 1 <sub>1</sub> Trans. PS Error | -                                 | -                 | RFID 1 <sub>1</sub> Trans. Hardware-Fehler |
| OUTPUT                         | BYTE    | Bit 7                             | Bit 6             | Bit 5             | Bit 4             | Bit 3                               | Bit 2                             | Bit 1             | Bit 0                                      |
| RFID 1 <sub>0</sub>            | 0       | Transceiver                       | Next              | TAG ID            | lesen             | Write                               | TAG Info                          | Trans. Info.      | Reset                                      |
|                                | 1       | -                                 | -                 | -                 | -                 | -                                   | Byte Count 2                      | Byte Count 1      | Byte Count 0                               |
|                                | 2       | Address High Byte (MSB)           |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 3       | Address Low Byte (LSB)            |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 4...11  | Write Data (8 Byte)               |                   |                   |                   |                                     |                                   |                   |                                            |
| RFID 1 <sub>1</sub>            | 12      | Transceiver                       | Next              | TAG ID            | lesen             | Write                               | TAG Info                          | Trans. Info.      | Reset                                      |
|                                | 13      | -                                 | -                 | -                 | -                 | -                                   | Byte Count 2                      | Byte Count 1      | Byte Count 0                               |
|                                | 14      | Address High Byte (MSB)           |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 15      | Address Low Byte (LSB)            |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 16...23 | Write Data (8 Byte)               |                   |                   |                   |                                     |                                   |                   |                                            |
|                                | 24      | DO 2 <sub>7</sub>                 | DO 2 <sub>6</sub> | DO 2 <sub>5</sub> | DO 2 <sub>4</sub> | DO 2 <sub>3</sub>                   | DO 2 <sub>2</sub>                 | DO 2 <sub>1</sub> | DO 2 <sub>0</sub>                          |
|                                | 25      | -                                 | -                 | -                 | -                 | -                                   | -                                 | -                 | -                                          |

## Modbus® TCP Register Mapping

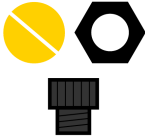
|               | REG               | Bit 15                     | Bit 14 | Bit 13 | Bit 12 | Bit 11 | Bit 10     | Bit 9      | Bit 8      | Bit 7                          | Bit 6             | Bit 5             | Bit 4             | Bit 3             | Bit 2             | Bit 1             | Bit 0             |
|---------------|-------------------|----------------------------|--------|--------|--------|--------|------------|------------|------------|--------------------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|-------------------|
| Eingänge (RO) | 0x0000            | Error Cat. (Category Code) |        |        |        |        |            |            |            | Done                           | Busy              | Fehler            | Trans. Conn.      | Trans. On         | TP                | TFR               | -                 |
|               | 0x0001            | -                          | -      | -      | -      | -      | -          | -          | -          | Error Desc. (Description Code) |                   |                   |                   |                   |                   |                   |                   |
|               | 0x0002 ... 0x0005 | Read Data (4 Words)        |        |        |        |        |            |            |            |                                |                   |                   |                   |                   |                   |                   |                   |
|               | 0x0006            | Error Cat. (Category Code) |        |        |        |        |            |            |            | Done                           | Busy              | Fehler            | Trans. Conn.      | Trans. On         | TP                | TFR               | -                 |
|               | 0x0007            | -                          | -      | -      | -      | -      | -          | -          | -          | Error Desc. (Description Code) |                   |                   |                   |                   |                   |                   |                   |
|               | 0x0008 ... 0x000B | Read Data (4 Words)        |        |        |        |        |            |            |            |                                |                   |                   |                   |                   |                   |                   |                   |
|               | 0x000C            | -                          | -      | -      | -      | -      | -          | -          | -          | DI 2 <sub>7</sub>              | DI 2 <sub>6</sub> | DI 2 <sub>5</sub> | DI 2 <sub>4</sub> | DI 2 <sub>3</sub> | DI 2 <sub>2</sub> | DI 2 <sub>1</sub> | DI 2 <sub>0</sub> |
| Status (RO)   | 0x000D            | -                          | FCE    | -      | -      | CFG    | COM        | VI low     | -          | VO low                         | -                 | -                 | -                 | -                 | -                 | -                 | DIA               |
| Diag. (RO)    | 0x000E            | -                          | -      | -      | -      | -      | -          | -          | -          | -                              | -                 | -                 | -                 | -                 | -                 | S2 DIA            | S1 DIA            |
| Ausgänge (RW) | 0x0800            | -                          | -      | -      | -      | -      | Byte CNT 2 | Byte CNT 1 | Byte CNT 0 | Trans.                         | Next              | TAG ID            | lesen             | Write             | TAG Info          | Trans. Info.      | Reset             |
|               | 0x0801            | Address                    |        |        |        |        |            |            |            |                                |                   |                   |                   |                   |                   |                   |                   |
|               | 0x0802 ... 0x0805 | Write Data (4 Words)       |        |        |        |        |            |            |            |                                |                   |                   |                   |                   |                   |                   |                   |
|               | 0x0806            | -                          | -      | -      | -      | -      | Byte CNT 2 | Byte CNT 1 | Byte CNT 0 | Trans.                         | Next              | TAG ID            | lesen             | Write             | TAG Info          | Trans. Info.      | Reset             |
|               | 0x0807            | Address                    |        |        |        |        |            |            |            |                                |                   |                   |                   |                   |                   |                   |                   |

|               |                      |                        |                        |                        |                         |                           |                         |                         |                           |                        |                        |                        |                         |                         |                            |                         |                         |
|---------------|----------------------|------------------------|------------------------|------------------------|-------------------------|---------------------------|-------------------------|-------------------------|---------------------------|------------------------|------------------------|------------------------|-------------------------|-------------------------|----------------------------|-------------------------|-------------------------|
|               | 0x0808 ...<br>0x080B | Write Data (4 Words)   |                        |                        |                         |                           |                         |                         |                           |                        |                        |                        |                         |                         |                            |                         |                         |
|               | 0x080C               | -                      | -                      | -                      | -                       | -                         | -                       | -                       | -                         | DO 2 <sub>7</sub>      | DO 2 <sub>8</sub>      | DO 2 <sub>9</sub>      | DO 2 <sub>10</sub>      | DO 2 <sub>11</sub>      | DO 2 <sub>12</sub>         | DO 2 <sub>13</sub>      | DO 2 <sub>14</sub>      |
| I/O Diag (RO) | 0xA000               | -                      | -                      | -                      | -                       | PS<br>RFID 1 <sub>0</sub> | -                       | -                       | HW<br>RFID 1 <sub>0</sub> | -                      | -                      | -                      | -                       | -                       | SCO<br>RFID 1 <sub>0</sub> | -                       | -                       |
|               | 0xA001               | -                      | -                      | -                      | -                       | PS<br>RFID 1 <sub>1</sub> | -                       | -                       | HW<br>RFID 1 <sub>1</sub> | -                      | -                      | -                      | -                       | -                       | SCO<br>RFID 1 <sub>1</sub> | -                       | -                       |
|               | 0xA002               | SCDO<br>2 <sub>7</sub> | SCDO<br>2 <sub>8</sub> | SCDO<br>2 <sub>9</sub> | SCDO<br>2 <sub>10</sub> | SCDO<br>2 <sub>11</sub>   | SCDO<br>2 <sub>12</sub> | SCDO<br>2 <sub>13</sub> | SCDO<br>2 <sub>14</sub>   | SCDI<br>2 <sub>7</sub> | SCDI<br>2 <sub>8</sub> | SCDI<br>2 <sub>9</sub> | SCDI<br>2 <sub>10</sub> | SCDI<br>2 <sub>11</sub> | SCDI<br>2 <sub>12</sub>    | SCDI<br>2 <sub>13</sub> | SCDI<br>2 <sub>14</sub> |

**PROFINET® process data**

|          | BYTE    | Bit 7                                              | Bit 6                    | Bit 5                      | Bit 4                               | Bit 3                            | Bit 2                               | Bit 1                               | Bit 0                               |
|----------|---------|----------------------------------------------------|--------------------------|----------------------------|-------------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Eingänge | 0       | RFID 1 <sub>0</sub> Done                           | RFID 1 <sub>0</sub> Busy | RFID 1 <sub>0</sub> Busy   | RFID 1 <sub>0</sub> Trans.<br>Conn. | RFID 1 <sub>0</sub> Trans.<br>On | RFID 1 <sub>0</sub> TP              | RFID 1 <sub>0</sub> TFR             | -                                   |
|          | 1       | RFID 1 <sub>0</sub> Error Cat. (Category Code)     |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 2       | RFID 1 <sub>0</sub> Error Desc. (Description Code) |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 3       | -                                                  | -                        | -                          | -                                   | -                                | -                                   | -                                   | -                                   |
|          | 4...11  | RFID 1 <sub>0</sub> Read Data (8 Byte)             |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 12      | RFID 1 <sub>1</sub> Done                           | RFID 1 <sub>1</sub> Busy | RFID 1 <sub>1</sub> Busy   | RFID 1 <sub>1</sub> Trans.<br>Conn. | RFID 1 <sub>1</sub> Trans.<br>On | RFID 1 <sub>1</sub> TP              | RFID 1 <sub>1</sub> TFR             | -                                   |
|          | 13      | RFID 1 <sub>1</sub> Error Cat. (Category Code)     |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 14      | RFID 1 <sub>1</sub> Error Desc. (Description Code) |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 15      | -                                                  | -                        | -                          | -                                   | -                                | -                                   | -                                   | -                                   |
|          | 16...23 | RFID 1 <sub>1</sub> Read Data (8 Byte)             |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 24      | DI 2 <sub>7</sub>                                  | DI 2 <sub>8</sub>        | DI 2 <sub>9</sub>          | DI 2 <sub>10</sub>                  | DI 2 <sub>11</sub>               | DI 2 <sub>12</sub>                  | DI 2 <sub>13</sub>                  | DI 2 <sub>14</sub>                  |
|          | 25      | -                                                  | -                        | -                          | -                                   | -                                | -                                   | -                                   | -                                   |
| Ausgänge | 0       | RFID 1 <sub>0</sub> Trans-<br>ceiver               | RFID 1 <sub>0</sub> Next | RFID 1 <sub>0</sub> Tag ID | RFID 1 <sub>0</sub> Read            | RFID 1 <sub>0</sub> Write        | RFID 1 <sub>0</sub> Tag<br>Info.    | RFID 1 <sub>0</sub> Trans.<br>Info. | RFID 1 <sub>0</sub> Reset           |
|          | 1       | -                                                  | -                        | -                          | -                                   | -                                | RFID 1 <sub>0</sub> Byte<br>Count 2 | RFID 1 <sub>0</sub> Byte<br>Count 1 | RFID 1 <sub>0</sub> Byte<br>Count 0 |
|          | 2       | RFID 1 <sub>0</sub> Address High Byte (MSB)        |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 3       | RFID 1 <sub>0</sub> Address Low Byte (LSB)         |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 4...11  | RFID 1 <sub>0</sub> Write Data (8 Byte)            |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 12      | RFID 1 <sub>1</sub> Trans-<br>ceiver               | RFID 1 <sub>1</sub> Next | RFID 1 <sub>1</sub> Tag ID | RFID 1 <sub>1</sub> Read            | RFID 1 <sub>1</sub> Write        | RFID 1 <sub>1</sub> Tag<br>Info.    | RFID 1 <sub>1</sub> Trans.<br>Info. | RFID 1 <sub>1</sub> Reset           |
|          | 13      | -                                                  | -                        | -                          | -                                   | -                                | RFID 1 <sub>1</sub> Byte<br>Count 2 | RFID 1 <sub>1</sub> Byte<br>Count 1 | RFID 1 <sub>1</sub> Byte<br>Count 0 |
|          | 14      | RFID 1 <sub>1</sub> Address High Byte (MSB)        |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 15      | RFID 1 <sub>1</sub> Address Low Byte (LSB)         |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 16...23 | RFID 1 <sub>1</sub> Write Data (8 Byte)            |                          |                            |                                     |                                  |                                     |                                     |                                     |
|          | 24      | DO 2 <sub>7</sub>                                  | DO 2 <sub>8</sub>        | DO 2 <sub>9</sub>          | DO 2 <sub>10</sub>                  | DO 2 <sub>11</sub>               | DO 2 <sub>12</sub>                  | DO 2 <sub>13</sub>                  | DO 2 <sub>14</sub>                  |
|          | 25      | -                                                  | -                        | -                          | -                                   | -                                | -                                   | -                                   | -                                   |

Toebehoren

| Type                 | Ident no. |                                                                                                                      | Afmetingen                                                                          |
|----------------------|-----------|----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
| LOCK-EURO-C          | A0885     | Locking guard for straight eurofast™ C-body connectors (RKC, RKCV, RSC, RSCV) in a Class I, Division 2 installations |  |
| LOCK-EURO-C (10/BAG) | A0886     | Locking guard for straight eurofast™ C-body connectors (RKC, RKCV, RSC, RSCV) in a Class I, Division 2 installations |  |