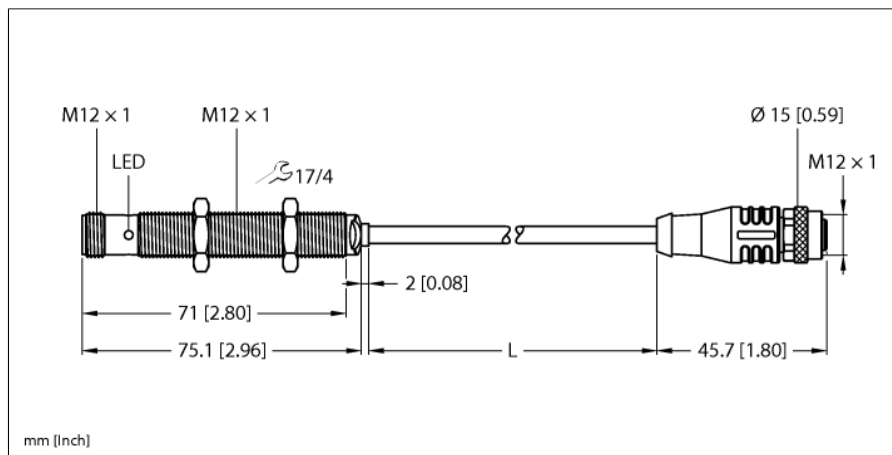


Inline Converter

Analog to IO-Link Converter

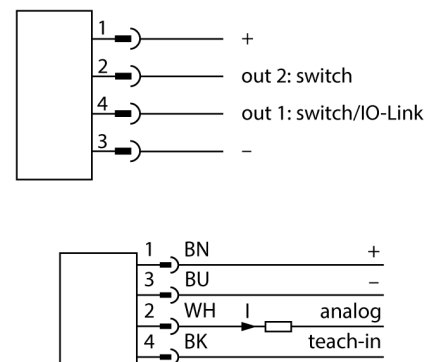
ILC-AIU-M12-IOL8X2-H1141



Type	ILC-AIU-M12-IOL8X2-H1141
ID	100036698
Electrical data	
Operating voltage U_s	18...30 VDC
Communication protocol	IO-Link
Input type	0/4...20 mA or -10/0...10 VDC
IO-Link	
IO-Link specification	V 1.1
Communication mode	COM 3 (230.4 kBaud)
Process data width	32 bit
Frame type	Type_2_2
Function pin 4	IO-Link
Maximum cable length	20 m
Mechanical data	
Design	Cylinder, threaded, M12
Dimensions	Ø 12 x 75 mm
Housing material	Metal/plastic, CuZn
Electrical connection	Connector, M12 x 1, 0.3 m
Ambient temperature	-25...+70 °C
Protection class	IP67
Tests/approvals	
Approvals	CE UL

- Direct connection to an analog sensor due to compact design
- 300-mm cable ("L") with M12 x 1 female connector, 4-pin
- M12 x 1 male connector, 4-pin
- Operating voltage: 18...30 VDC
- Protection class: IP67
- Parameterizable via IO-Link
- Input (300-mm cable with female connector, M12 x 1, 4-pin): adjustable; current 0...20/4...20 mA and voltage 0...5/1...6/0...10 V
- Output (M12 x 1 male connector, 4-pin): IO-Link
- For connecting analog sensors to an IO-Link master

Wiring diagram



Functional principle

Sensors with analog outputs can be used to communicate via IO-Link to provide the data required for predictive maintenance and operational optimization.

Accessories

Type code	Ident no.		Dimension drawing
MW-12	6945003	Mounting bracket for threaded barrel sensors; material: Stainless steel A2 1.4301 (AISI 304)	