

IO-Link Converter

for M12 × 1

EP1A001

Part Number



- Integration of a sensor with analog output into an IO-Link environment
- IP67 degree of protection for harsh industrial environments
- Measuring range selectable from 0 to 20 mA, 4 to 20 mA, 0 to 10 V, -10 to 10 V

This IO-Link converter makes it possible to convert an analog input signal into a digital IO-Link signal and thus enables connection via an IO-Link master port.

Technical Data

Electrical Data

Temperature Range	-30...70 °C
Max. sensor power supply	200 mA
Sensor Supply Voltage (Pin 1)	2 A
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Overload Protection	yes
Protection Class	II
Shock resistance per DIN IEC 68-2-27	50 g / 11 ms
Vibration resistance per DIN IEC 60068-2-6	15 g (58...150 Hz)

Mechanical Data

Housing Material	Plastic, ABS/PC
Degree of Protection	IP65
Degree of Protection	IP67
IO-Link port connection type	M12 × 1, 4-pin, A-coded
Scope of delivery	1 × IO-Link converter
Packaging unit	1 Piece
Connection Table No.	63
Suitable Connection Equipment No.	3

Complementary Products

IO-Link Master

