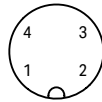
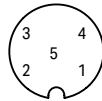


2-Channel Analog Input; IO-Link Converter; 0 ... 10 V; 2 x M12 Connection



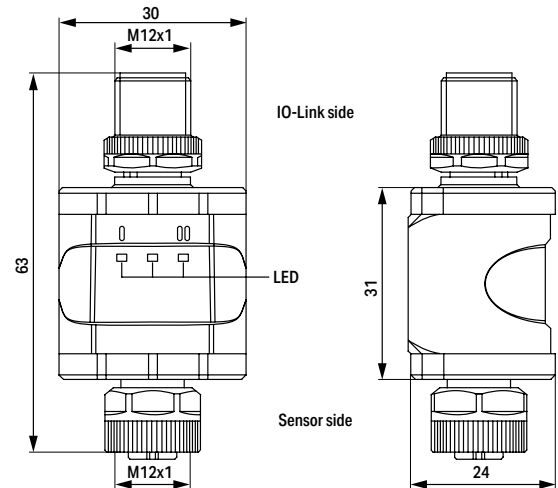
M12-A plug; 4-pole

- 1: 24 VDC: Supply 1L+
- 2: not used
- 3: 0 V: Supply 1L-
- 4: C/Q IO-Link



M12-A socket; 5-pole

- 1: Sensor supply 1L+
- 2: Analog input 2 (0 ... 10 V)
- 3: Sensor supply 1L-
- 4: Analog input 1 (0 ... 10 V)
- 5: not used



Application:

Decentralized preprocessing and conversion of analog signals

This device is used for signal acquisition of a connected sensor or any other unit that has an analog output (0 ... 10 V).

The device has two analog voltage inputs.

Use as an IO-Link device:

The device has an IO-Link communication interface that requires an IO-Link-capable module (IO-Link master) for interoperation.

The IO-Link interface allows direct access to the process and diagnostic data and enables setting of the device parameters during operation.

Description	Item No.	PU
2AI FLD IOL CONV 0-10V	765-2702/200-000	1
Accessories		
Mounting clip	765-101/000-000	1
IO Device Description (IODD)	Download: www.wago.com	
Approvals/Tests		
Conformity marking	CE	
UL listed	Pending	
IO-Link		
MTTF	504 years	
Technical Data		
Ambient temperature (operation)	-25 ... +70 °C	
Surrounding air temperature (storage)	-25 ... +70 °C	
Relative humidity (without condensation)	max. 90 % (31 °C); linearly decreasing to 50 % (40 °C)	
Operating altitude	0 ... 4000 m	
Protection type	IP67	
Pollution degree	2	
Weight	92 g	
Dimensions	63 x 30 x 24 mm	
Housing material	PA	
Indicators	Analog input: 2 x LED, yellow; Power: 1 x LED, green	
Length of connection cables	20 m	

Technical Data	
Supply voltage	24 VDC; -25 ... +25 %; (18 ... 30 VDC)
Current consumption	< 380 mA
Inputs	
Number of analog inputs	2
Connection technology	M12-A socket; 5-pole
Signal type (voltage)	0 ... 10 V
Current carrying capacity for all inputs	200 mA (max.)
Input resistance	> 100 kΩ
Precision	0.25 % of the upper-range value
IO-Link	
Communication interface	IO-Link Class A/B
Transmission type	COM2 (38.4 kBaud)
IO-Link revision	1.1
Process data	2 x 16-bit IN (analog)
Process cycle time (min.)	4.6 ms
Parameters via IO-Link	Application-specific identifier; plant identifier; location identifier; average filter