



Signal tower connection element IO-Link

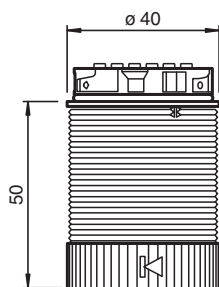
VAZ-CLAMP-40MM-IO

- Modular design
- Bayonet system for simple mounting and dismounting
- Flexible combination of signal elements
- 40-mm-series

Signal tower connection element IO-Link with cover



Dimensions



Technical Data

General specifications

UL File Number	E223176
Color	grey

Electrical specifications

Rated operating voltage	U_e	24 V DC
Rated operating current	I_e	6 mA
Current consumption		max. 500 mA per lighting element, max. 2 A in total
Inrush current		400 mA

Interface

Interface type	IO-Link (via C/Q = pin 4)
IO-Link revision	1.1
Vendor ID	1 (0x0001)
Device ID	0x0F0301 (983809)
Transfer rate	COM2 (38.4 kBit/s)
Min. cycle time	5 ms
Process data width	Process data input 0 Byte Process data output 2 Byte

Release date: 2022-06-30 Date of issue: 2022-06-30 Filename: 324822_eng.pdf

Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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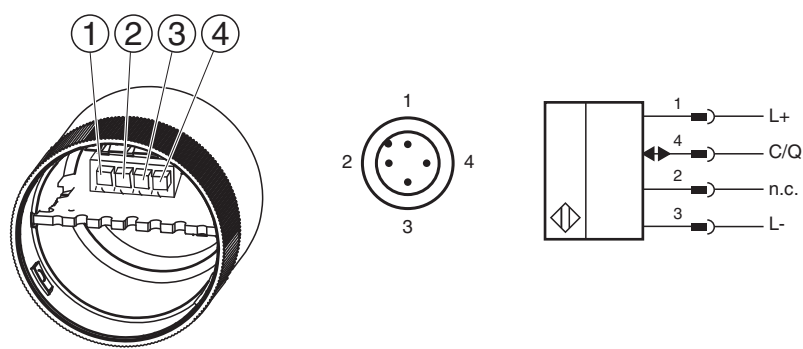
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 **PEPPERL+FUCHS**

Technical Data

SIO mode support	no
Compatible master port type	A
Ambient conditions	
Ambient temperature	-30 ... 60 °C (-22 ... 140 °F)
Mechanical specifications	
Degree of protection	IP66
Connection	Bayonet system
Material	PC
Mass	35 g
Connection possibilities	Spring terminal, max. 1.5 mm²
Life span	max. 50,000 h

Connection



Terminal	M12		IO-Link
①	3	BU	L-
②	4	BK	C/Q
③	1	BN	L+
④	2	WH	+24V

Programming

Parameter bit	LSB (Byte 0)	MSB (Byte 1)
Bit 0	reserved	Segment 1
Bit 1	reserved	Segment 2
Bit 2	reserved	Segment 3
Bit 3	reserved	Segment 4
Bit 4	reserved	Segment 5
Bit 5	reserved	reserved
Bit 6	reserved	reserved
Bit 7	reserved	reserved

Accessories

	ICE2-8IOL-K45S-RJ45	EtherNet/IP IO-Link master with 8 inputs/outputs, DIN rail, screw terminal
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Accessories

	ICE3-8IOL-K45P-RJ45	PROFINET IO IO-Link master with 8 inputs/outputs, DIN rail, push-in terminals
	ICE3-8IOL-K45S-RJ45	PROFINET IO IO-Link master with 8 inputs/outputs, DIN rail, screw terminal
	IO-Link-Master02-USB	IO-Link master, supply via USB port or separate power supply, LED indicators, M12 plug for sensor connection
	ICE2-8IOL-K45P-RJ45	EtherNet/IP IO-Link master with 8 inputs/outputs, DIN rail, push-in connectors