



## Signal tower connection element IO-Link

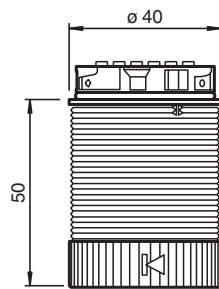
### VAZ-CLAMP-40MM-IO

- 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

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

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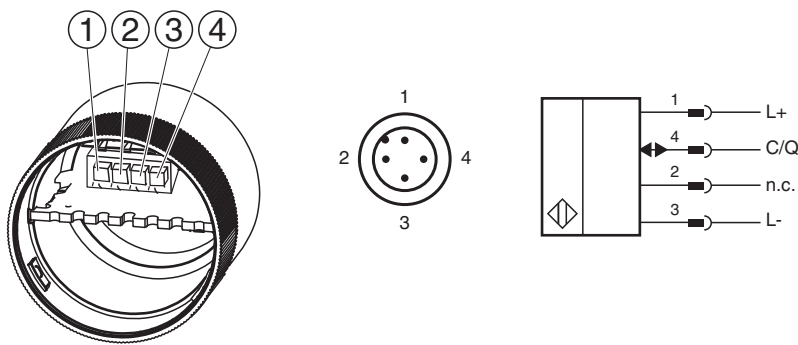
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 PEPPERL+FUCHS

## Technical Data

SIO mode support	no
Compatible master port type	A
<b>Ambient conditions</b>	
Ambient temperature	-30 ... 60 °C (-22 ... 140 °F)
<b>Mechanical specifications</b>	
Degree of protection	IP66
Connection	Bayonet system
Material	PC
Mass	35 g
Connection possibilities	Spring terminal, max. 1.5 mm <sup>2</sup>
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

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

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