



Signal tower connection element IO-Link

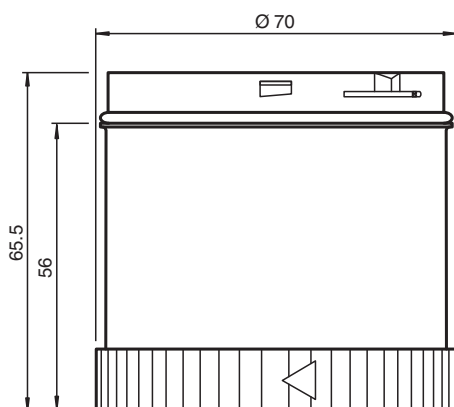
VAZ-70MM-IO

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

Signal tower connection element IO-Link with cover



Dimensions



Technical Data

General specifications

UL File Number	E223176
Color	black

Electrical specifications

Rated operating voltage	U_e	24 V DC $\pm$ 10 %
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	983810 (0x0F0302)
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: 70136308_eng.pdf

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

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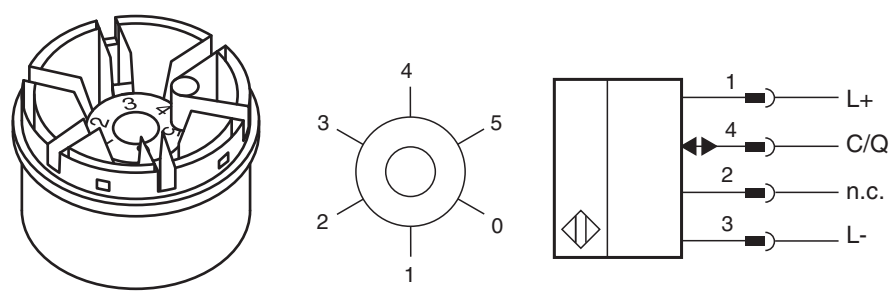
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Technical Data

SIO mode support		no
Compatible master port type		A
Ambient conditions		
Ambient temperature		-30 ... 60 °C (-22 ... 140 °F)
Pollution degree		3
Mechanical specifications		
Degree of protection		IP65
Protection class		2
Connection		Bayonet system
Material		PC
Mass		58 g
Connection possibilities		Spring terminal, max. 1.5 mm ²
Life span		max. 50,000 h

Connection



Terminal	M12		IO-Link
0	3	BU	L-
1	1	BN	L+
2		n. c.	
3	2	WH	2 L+ (+24 V opt.)
4	4	BK	C/Q
5		n. c.	

Mounting

A terminal base is required to install the device. See "Matching system components".

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

Matching System Components

	VAZ-LED-70MM-MC	Stack light LED permanent light element, multicolor
	VAZ-CLAMP-70MM-90°	Stack light terminal base with cover plate
	VAZ-FLASH-70MM-RD	Stack light LED flashing light element, red
	VAZ-FLASH-70MM-YE	Stack light LED flashing light element, yellow
	VAZ-HORN1-70MM-85DBA	Stack light audible alarm
	VAZ-HORN-70MM-0..100DBA-8TONE	Stack light siren element 8 tone
	VAZ-HORN-70MM-105DBA	Stack light audible alarm
	VAZ-LAMP-70MM-BU	Stack light solid light element, blue
	VAZ-LAMP-70MM-CL	Stack light solid light element, clear
	VAZ-LAMP-70MM-GN	Stack light permanent light element, green
	VAZ-LAMP-70MM-RD	Stack light solid light element, red
	VAZ-LAMP-70MM-YE	Stack light solid light element, yellow
	VAZ-LED-70MM-BU	Stack light LED permanent light element, blue
	VAZ-LED-70MM-CL	Stack light LED permanent light element, clear
	VAZ-LED-70MM-GN	Stack light LED permanent light element, green
	VAZ-LED-70MM-LM	Stack light LED permanent light element, lemon yellow
	VAZ-LED-70MM-RD	Stack light LED permanent light element, red
	VAZ-LED-70MM-YE	Stack light LED permanent light element, yellow

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