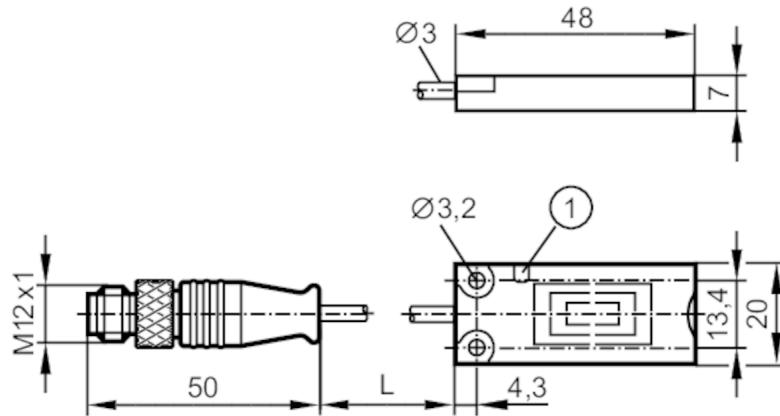


DSU100



IO-Link data memory

DSU___KQRWIOUS03



1 LED



Application

Application data storage via IO-Link

Electrical data

Operating voltage [V]	18...30 DC
Current consumption [mA]	< 50
Protection class	III
Memory size [bit]	1042432
Memory type	FRAM
Max. read cycles	unlimited
Max. write cycles	unlimited

Interfaces

Communication interface	IO-Link	
Transmission type	COM3 (230,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Profiles	Common - I&D	Identification and Diagnosis
SIO mode	no	
Required master port class	A	
Min. process cycle time [ms]	5	
Supported DeviceIDs	Type of operation	DeviceID
	default	1423

Operating conditions

Ambient temperature [°C]	-20...60
Storage temperature [°C]	-25...80
Protection	IP 67; IP 69K

Tests / approvals

EMC	EN IEC 61000-6-2	
	EN IEC 61000-6-4	
Shock resistance	EN 60068-2-27	40 g 6 ms / repetitive
	EN 60068-2-27	50 g 11 ms / not repetitive

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Vibration resistance	EN 60068-2-6	20 g 10...2000 Hz
UL approval	Ta	-20...60 °C
	Enclosure type	Type 1
	voltage supply	Limited Voltage/Current
	File number UL	E205959

Mechanical data

Weight	[g]	59.8
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	20 x 7 x 48
Material		PBT; TPU (urethane); stainless steel

Displays / operating elements

Display	Power	1 x LED, green
	Memory access	1 x LED, yellow

Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 1 m, PUR; 3 x 0.14 mm²

Connector: 1 x M12; coding: A



Connection

