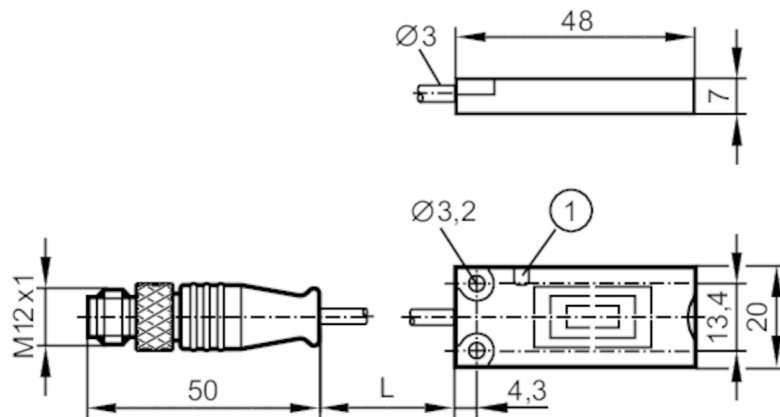


DSU100



IO-Link data memory

DSU____KQRWIOUS03



1 LED



Application

Application	data storage via IO-Link
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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	Smart Sensor: Device Identification	
SIO mode	no	
Required master port class	A	
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
Vibration resistance	EN 60068-2-6	20 g 10...2000 Hz

DSU100



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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.

Electrical connection

Cable: 1 m, PUR; 3 x 0.14 mm²

Connector: 1 x M12; coding: A



Connection

