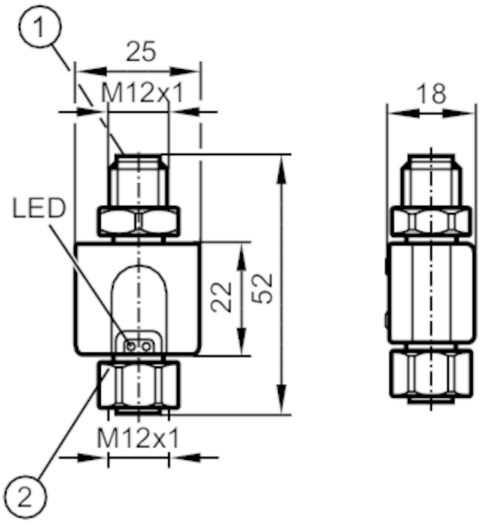
E30398

IO-Link memory plug

MEMORY PLUG



1 connection for voltage supply and output signals
2 connection for temperature sensor

Electrical data		
Operating voltage	[V]	18...32 DC
Current consumption	[mA]	< 35
Min. insulation resistance	[MΩ]	100; (500 V DC)
Protection class		III
Reverse polarity protection		yes
Outputs		
Output signal		IO-Link
Electrical design		PNP
Max. voltage drop switching output DC	[V]	0.5
Permanent current rating of switching output DC	[mA]	500; (briefly: 2 A / 50 ms)
Type of short-circuit protection		depending on the connected sensor
Interfaces		
Communication interface		IO-Link
IO-Link Device		
Transmission type		COM2 (38,4 kBaud)
IO-Link revision		1.1
SIO mode		no
Required master port type		A
Min. process cycle time	[ms]	2.5
IO-Link Master		
Transmission type		COM1 (4,8 kBaud); COM2 (38,4 kBaud); COM3 (230,4 kBaud)
IO-Link revision		1.1
SDCI standard		IEC 61131-9 (Draft)
Number of ports class A		1

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MEMORY PLUG

Operating conditions		
Ambient temperature	[°C]	-25...60
Storage temperature	[°C]	-40...85
Protection		IP 65; IP 67

Tests / approvals			
EMC		EN 61000-6-2	
Shock resistance		DIN IEC 68-2-27	50 g 11 ms
Vibration resistance		DIN IEC 68-2-6	20 g (10...2000 Hz)
MTTF	[years]	656	

Mechanical data		
Weight	[g]	116.5
Housing		rectangular
Dimensions	[mm]	52 x 25 x 18
Materials		PA PACM 12 (TROGAMID); PET
Sealing material		FKM

Displays / operating elements		
Display	operation	2 x LED, green

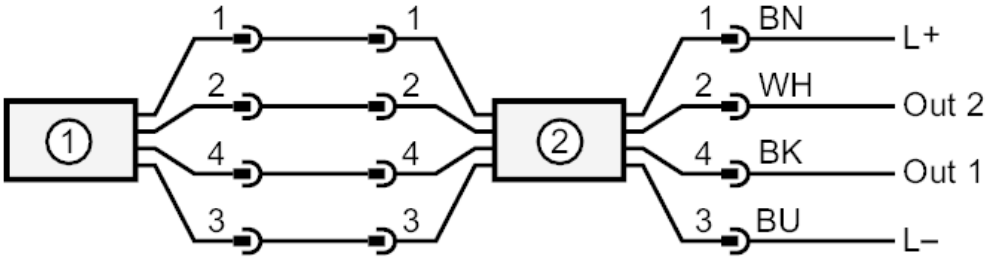
Remarks	
Remarks	only for positive-switching sensors
	The memory plug acts as master if it is connected with a sensor.
	The memory plug acts as device if it is used with the service program.
	operating voltage "supply class 2" according to cULus
Pack quantity	1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4; Moulded body: TPU; Locking: stainless steel (316L/1.4404); Sealing: FKM



Connection



1: sensor
2: memory plug