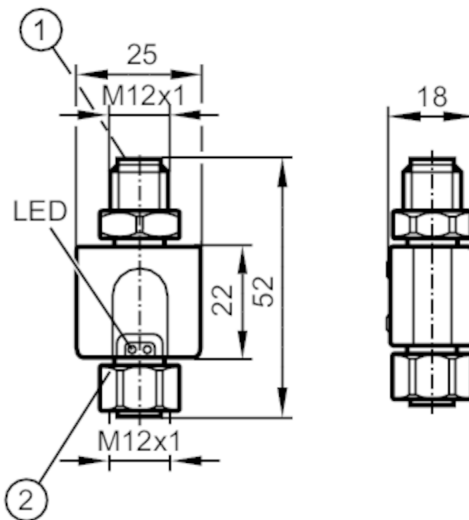


IO-Link memory plug

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

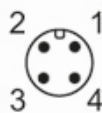
Interfaces

IO-Link Device		
Transmission type		COM2 (38,4 kBaud)
IO-Link revision		1.1
Profiles		no profile
SIO mode		no
Required master port type		A
Min. process cycle time	[ms]	2.5



IO-Link memory plug

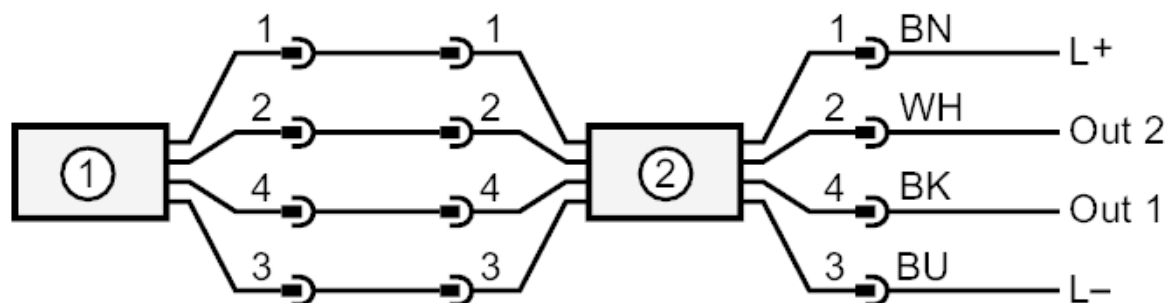
MEMORY PLUG

IO-Link Master		
Transmission type	COM1 (4,8 kBaud), COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9 (Draft)	
Number of ports class A	1	
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]	655.69
Mechanical data		
Weight	[g]	116.4
Dimensions	[mm]	M12 x 1
Thread designation	M12 x 1	
Materials	PA PACM 12 (TROGAMID); PET; Sealing: FKM; Lock nut: stainless steel (1.4404 / 316L); plug: TPU	
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: M12		
		

IO-Link memory plug

MEMORY PLUG

Connection



- 1: sensor
- 2: memory plug