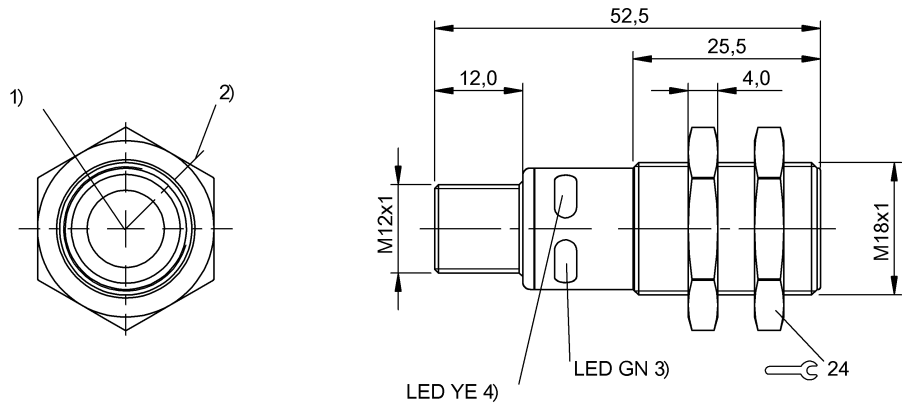
BUS M18M1-GPXI-12/100-S92G
BUS004P



1) Ultrasonic transducer axis 2) Exit direction 90° connector 3) LED function indicator 4) Output function

CE

Display/Operation

Adjuster	no

Electrical connection

Connection	M12x1-Connector
Polarity reversal protected	yes
Short-circuit protection	yes

Electrical data

Current draw max.	40 mA
Hysteresis H max.	20 mm
Operating voltage Ub	10…30 VDC
Output current max.	100 mA
Rated operating voltage Ue DC	24 V
Switching frequency	10 Hz
Synchronization	internal, max. 10 sensors
Ultrasonic frequency	200 kHz

Environmental conditions

Ambient temperature	-25…70 °C
Protection type IEC 60529	IP67
Storage temperature	-40…85 °C

General data

Application	Distance measurement Object detection
Approval/Conformity	CE
Operating mode	IO-Link Refl.light scanner (switch.pnt.) Refl.light scanner (window) Retro-reflector
Series	M18M1

Material

Housing material	Brass PBT
Material sensing surface	PU foamEpoxy resinGlass
Surface protection	nickel plates

Mechanical data

Fastening detail	Nut M18x1

Output/Interface

Input function	Select operating mode Factory setting (Reset) Synchronization on/off NO/NC SIO mode/IO-Link mode Teach switching distance, 2 values Synchronization signal
Interface	IO-Link 1.0
Interface setting option	Switch. point (2x for window) SIO mode/IO-Link mode Measured value filter Hysteresis Filter strength (10 levels) Operating mode Foreground suppression range Normally open/Normally closed Factory setting (Reset)
Process data cycle min.	20 ms
Process data out	Distance value Switching state

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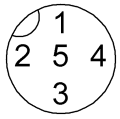
Switching output	PNP/NPN Normally open/ Normally closed (NO/NC)

Range/Distance

Measuring range	120…1300 mm
Range	120…1300 mm
Rated operating distance Sn	1000 mm
Repeat accuracy	±0.15 % FS
Resolution	≤ 0.069 mm

Connector view



Wiring Diagram