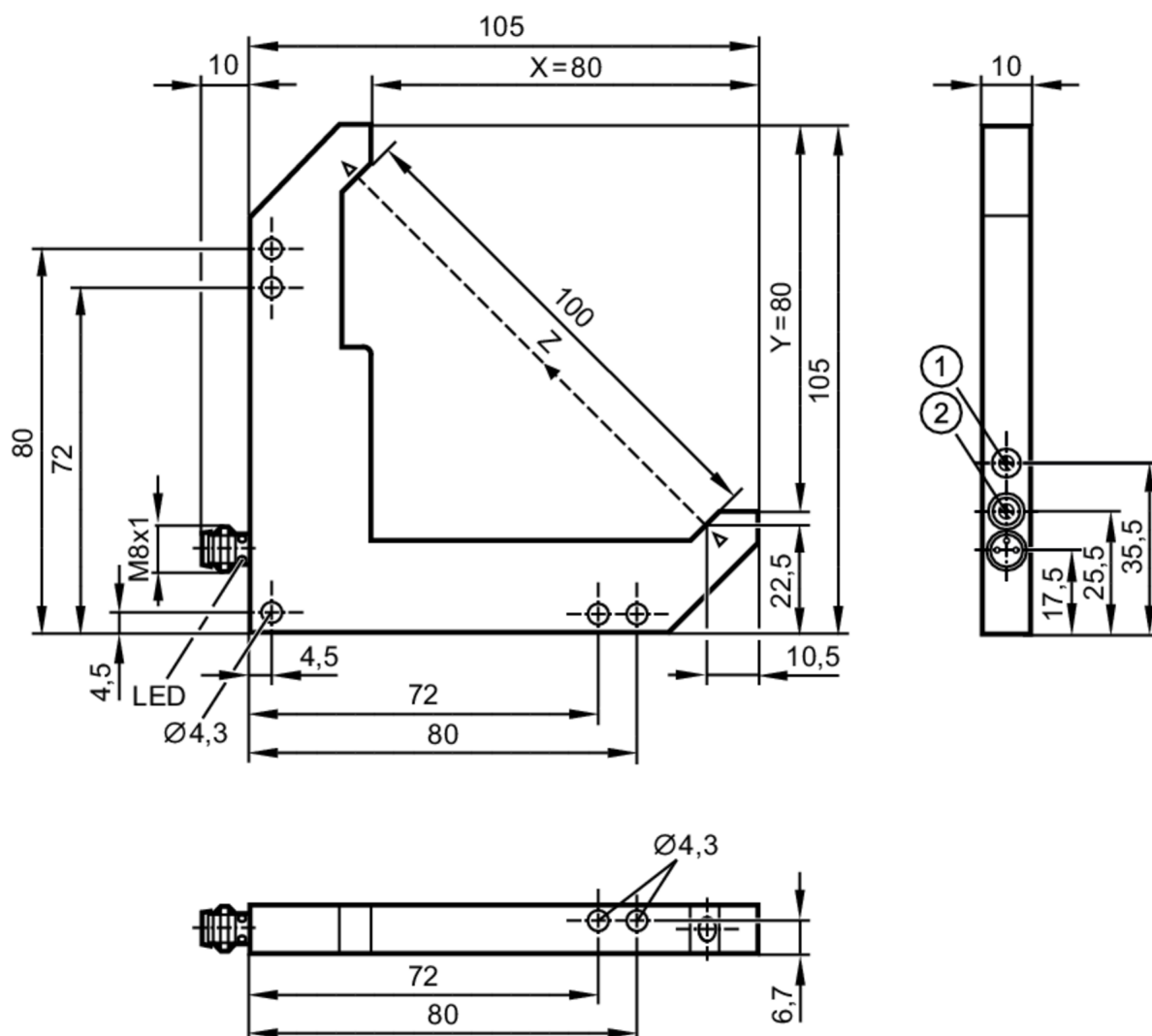


OPL-FNKG/IO-LINK/AS





Photoelectric angle sensor

OPL-FNKG/IO-LINK/AS

Max. voltage drop switching output DC	[V]	1
Permanent current rating of switching output DC	[mA]	100
Switching frequency DC	[Hz]	5000
Short-circuit protection		yes
Type of short-circuit protection		pulsed
Overload protection		yes

Detection zone

Diameter of the smallest detectable object	[mm]	0.3
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Interfaces

Communication interface	IO-Link	
Transmission type	COM2 (38,4 kBaud)	
IO-Link revision	1.1	
SDCI standard	IEC 61131-9	
Profiles	Smart Sensor: Device Identification; Device Diagnosis; Teach Channel; Switching Channel; Process Data Variable	
SIO mode	yes	
Required master port type	A	
Min. process cycle time	[ms]	3.2
Supported DeviceIDs	Type of operation default	DeviceID 1103

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 67

Tests / approvals

EMC	EN 60947-5-2	
MTTF	[ANN]	709

Mechanical data

Weight	[g]	182
Dimensions	[mm]	105 x 10 x 105
Side length X	[mm]	80
Side length Y	[mm]	80
Sensor width Z	[mm]	100
Materials	housing: diecast zinc black anodised; lens: glass	

Displays / operating elements

Display	switching status	1 x LED, yellow
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Remarks

Remarks	operating voltage "supply class 2" according to cULus	
Pack quantity	1 pcs.	

Photoelectric angle sensor

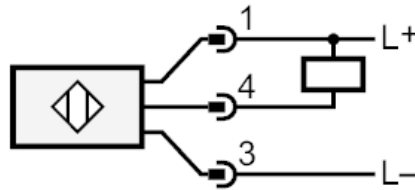
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Electrical connection

Connector: 1 x M8; coding: A



Connection



4

OUT / IO-Link