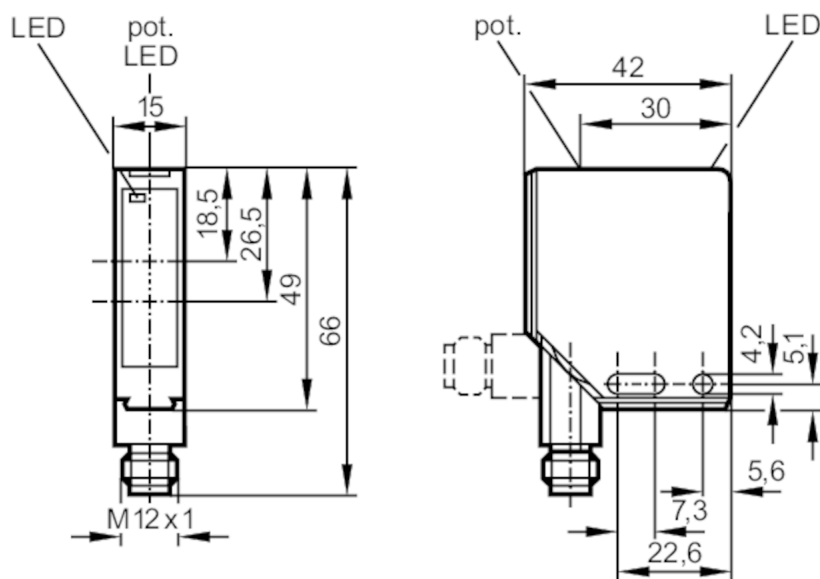


Retro-reflective sensor

OCP-ASI/US-100

Article no longer available - archive entry



receiver in upper lens
transmitter in lower lens

Product characteristics

Type of light	red light
Housing	rectangular

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage	[V]	26.5...31.6 DC
Current consumption	[mA]	< 35
Protection class		II
Reverse polarity protection		yes
Overvoltage protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

Electrical design		AS-i
Output function		light-on/dark-on mode; (parameterisable)
Switching frequency DC	[Hz]	1500

Detection zone

Range	[m]	< 5; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes
Max. light spot diameter	[mm]	133
Light spot dimensions refer to		at maximum range

**Retro-reflective sensor**

OCP-ASI/US-100

Polarisation filter available	yes
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Operating conditions

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

Tests / approvals

EMC	EN 60947-5-2	
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AS-i classification

AS-i I/O configuration	[hex]	1
AS-i ID code	[hex]	1

Mechanical data

Housing		rectangular
Dimensions	[mm]	49 x 15 x 42
Materials		diecast zinc
Lens material		PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
	function	1 x LED, yellow flashing

Accessories

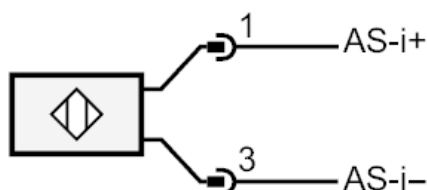
Items supplied	screwdrivers
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x M12; coding: A

**Connection**

Retro-reflective sensor

OCP-ASI/US-100

Diagrams and graphs

excess gain graph

