

Retro-reflective sensor

OUR-DXOG/S 4- Leiter

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Receiver in upper lens
transmitter in lower lens

Product characteristics

Type of light	Infrared light
Housing	rectangular

Application

Function principle	Retro-reflective sensor
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Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	< 20
Protection class		II
Reverse polarity protection		yes
Type of light		Infrared light
Wave length	[nm]	950

Outputs

Electrical design		PNP/NPN
Output function		dark-on mode
Max. voltage drop switching output DC	[V]	2; ((PNP) / < 1 (NPN))
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	160
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

Range	[m]	< 3; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 67

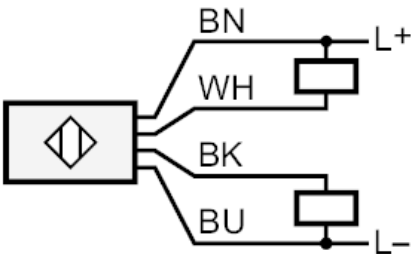
OU5072



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Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
Mechanical data		
Housing	rectangular	
Dimensions	[mm]	28 x 16 x 51
Material	PPE modified	
Lens material	glass	
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied	Angle bracket	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PVC; 4 x 0.34 mm²		
Connection		



	Core colors :
BK =	black
BN =	brown
BU =	blue
WH =	white