



Retro-reflective sensor

OUP-DPKG



receiver in upper lens
transmitter in lower lens



Product characteristics

Type of light	red light
Housing	rectangular
Dimensions [mm]	28 x 16 x 51

Application

Special feature	polarisation filter
Function principle	Retro-reflective sensor

Electrical data

Operating voltage [V]	10...55 DC
Current consumption [mA]	30; ((24 V))
Protection class	II
Reverse polarity protection	yes
Type of light	red light
Wave length [nm]	660

Outputs

Electrical design	PNP
Output function	dark-on mode
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	160
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes



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Detection zone		
Range referred to prismatic reflector	[m]	0.15...1.5; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes
Max. light spot diameter	[mm]	475
Light spot dimensions refer to		at maximum range
Polarisation filter available		yes
Operating conditions		
Ambient temperature	[°C]	-25...60
Protection		IP 67
Tests / approvals		
EMC	EN 60947-5-2	
	EN 55011	class B
MTTF	[years]	687
Mechanical data		
Weight	[g]	150
Housing		rectangular
Dimensions	[mm]	28 x 16 x 51
Materials		PPO modified
Lens material		glass
Lens alignment		side lens
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)	Angle bracket: 1 x, E20211	
Remarks		
Pack quantity	1 pcs.	

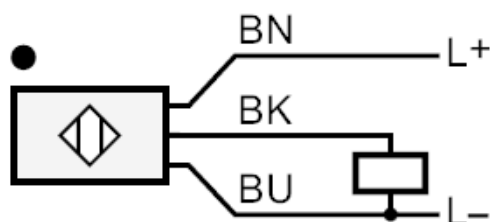
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Electrical connection

Cable: 2 m, PVC; 3 x 0.34 mm²

Connection



BN	brown
BU	blue
BK	black

Diagrams and graphs

excess gain graph

