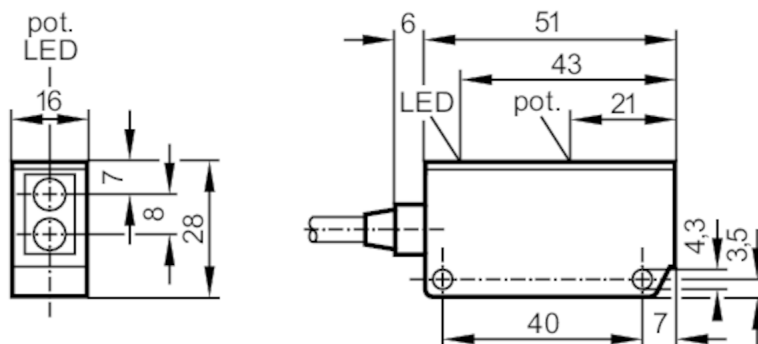


Retro-reflective sensor

OUP-HNKG

Article no longer available - archive entry



Receiver in upper lens
transmitter in lower lens

Product characteristics

Type of light	red light
Housing	rectangular

Application

System	polarization filter
Function principle	Retro-reflective sensor

Electrical data

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

Outputs

Electrical design		NPN
Output function		light-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		yes (non-latching)
Overload protection		yes

Monitoring range

Range	[m]	< 1.5; (Prismatic reflector Ø 80 E20005)
Range adjustable		yes
Polarization filter available		yes

Operating conditions

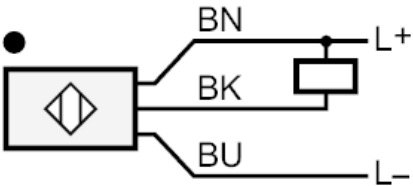
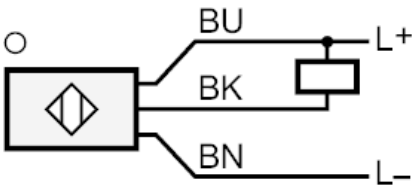
Ambient temperature	[°C]	-25...60
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Retro-reflective sensor

OUP-HNKG

Protection		IP 67	
Tests / approvals			
EMC		EN 60947-5-2	
		EN 55011	class B
Mechanical data			
Housing		rectangular	
Dimensions	[mm]	28 x 16 x 51	
Material		PPO 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; 3 x 0.34 mm²			
Connection			



BK =

BN =

BU =

Core colors :

black

brown

blue