



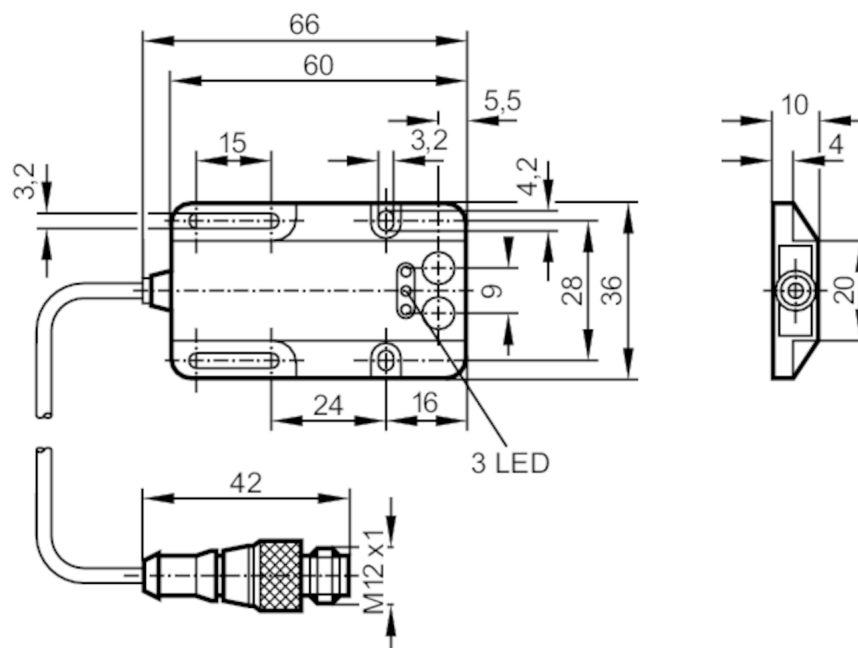
Retro-reflective sensor

OWP-FPKG/0,1M/US

Article no longer available - archive entry

Alternative articles: OJ5063

When selecting an alternative article and accessories please note that technical data may differ!



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]	10...36 DC
Current consumption	[mA]	35; ((36 V))
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Outputs

Electrical design		PNP
Output function		light-on/dark-on mode; (parameterisable)
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200
Switching frequency DC	[Hz]	250
Short-circuit protection		yes
Type of short-circuit protection		pulsed



Retro-reflective sensor

OWP-FPKG/0,1M/US

Overload protection	yes
---------------------	-----

Detection zone

Range [m]	0.1...1.5; (Prismatic reflector Ø 80 E20005)
Max. light spot diameter [mm]	120
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

Mechanical data

Housing	rectangular
Dimensions [mm]	36 x 60 x 10
Materials	ABS glass fibre reinforced
Lens material	PMMA

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red

Remarks

Pack quantity	1 pcs.
---------------	--------

Electrical connection

Cable: 0.1 m, PVC

Connector: 1 x M12; coding: A



Retro-reflective sensor

OWP-FPKG/0,1M/US

Connection



Diagrams and graphs

excess gain graph

