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Alternative articles: OG5019 + E10277

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

No scale drawing available

Product characteristics

Type of light	infrared light
Housing	threaded type

Electrical data

Operating voltage	[V]	10...50 DC
Current consumption	[mA]	< 30
Protection class		II
Reverse polarity protection		yes
Type of light		infrared light
Wave length	[nm]	880

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

Detection zone

Range	[m]	< 0.08; (Through-beam sensor)
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OG5034



Fibre-optic amplifier

OGF-DPKG/US-100-DPO

Range	[mm]	< 15; (Diffuse reflection sensor)	
Operating conditions			
Ambient temperature	[°C]	-25...80	
Protection		IP 65	
Tests / approvals			
EMC	EN 60947-5-2		
	EN 55011	class B	
Mechanical data			
Housing		threaded type	
Dimensions	[mm]	M18 x 1	
Thread designation		M18 x 1	
Materials		brass nickel-plated	
Displays / operating elements			
Display	switching status		1 x LED, yellow
Accessories			
Items supplied	lock nuts: 2		
	Lock nut		
Remarks			
Remarks	dark-on mode corresponds to the NO output function for through-beam fibre optics		
	corresponds to the NC output function for diffuse-reflection fibre optics		
Pack quantity	1 pcs.		
Electrical connection			
Connector: 1 x M12			