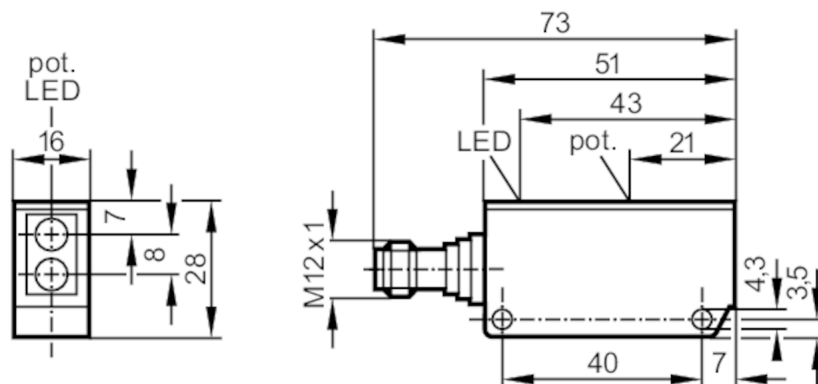




Through-beam sensor receiver

OUE-HPKG/US-100-DPO



Receiver in upper lens



Product characteristics

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

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage [V]	10...55 DC
Current consumption [mA]	20; ((24 V))
Protection class	III
Reverse polarity protection	yes
Type of light	Infrared light
Wave length [nm]	880

Outputs

Electrical design	PNP
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]	140
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Transmitter / receiver	receiver
Range [m]	< 6
Range adjustable	yes

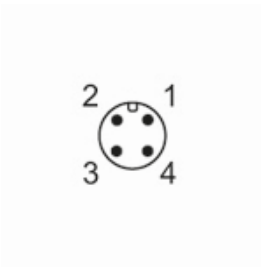


Through-beam sensor receiver

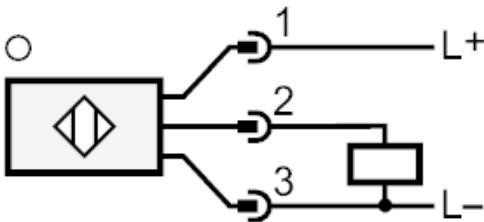
OUE-HPKG/US-100-DPO

Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	618
Mechanical data		
Weight	[g]	73.5
Housing		rectangular
Dimensions	[mm]	28 x 16 x 51
Material		PPO modified
Lens material		glass
Lens alignment		Side sensing
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		Angle bracket: 1, E20211
Remarks		
Pack quantity		1 pcs.
Electrical connection		

Connector: 1 x M12



Connection



**Through-beam sensor receiver**

OUE-HPKG/US-100-DPO

Diagrams and graphs

excess gain graph

