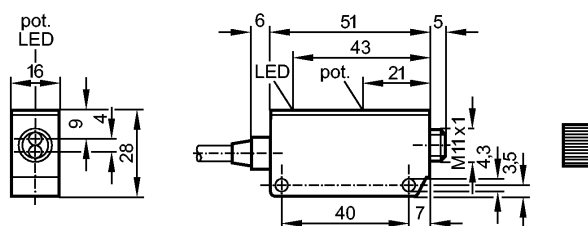


OU5001

OUF-HPKG

Photoelectric sensors



Made in Germany

Product characteristics

Fibre-optic amplifier

Rectangular, plastics

Cable

Sensing range 120mm (Through-beam sensor)

Range 40mm (Diffuse reflection sensor)

adjustable

Electrical data

Electrical design	DC PNP
Operating voltage [V]	10...55 DC
Current consumption [mA]	< 35 (24 V)
Type of light	Infrared light 880 nm
Protection class	II
Reverse polarity protection	yes

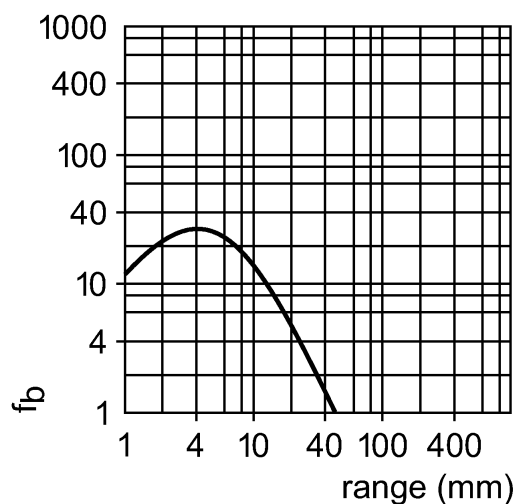
Outputs

Output function	light-on mode
Voltage drop [V]	< 2.5
Current rating [mA]	250
Short-circuit protection	pulsed
Overload protection	yes
Switching frequency [Hz]	100

Range

Sensing range [m]	0.12 (Through-beam sensor)
Range [mm]	40 (Diffuse reflection sensor)

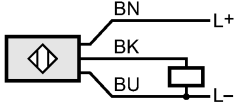
Excess gain graphs



OU5001

OUF-HPKG

Photoelectric sensors

Environment	
Ambient temperature	[°C] -25...80
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2
MTTF	[Years] 653
Mechanical data	
Housing materials	modified PPO
Weight	[kg] 0.15
Displays / operating elements	
Output status indication	LED yellow
Electrical connection	
Connection	PVC cable / 2 m; 3 x 0.34 mm ²
Wiring Core colours BN brown BU blue BK black	
	
Accessories	
Accessories (included)	Angle bracket; E20211; screwdriver
Remarks	
Remarks	When through-beam fibre optics are connected light-on mode means the output function "NC" and when diffuse reflection fibre optics are connected the output function "NO".
Pack quantity	[piece] 1