

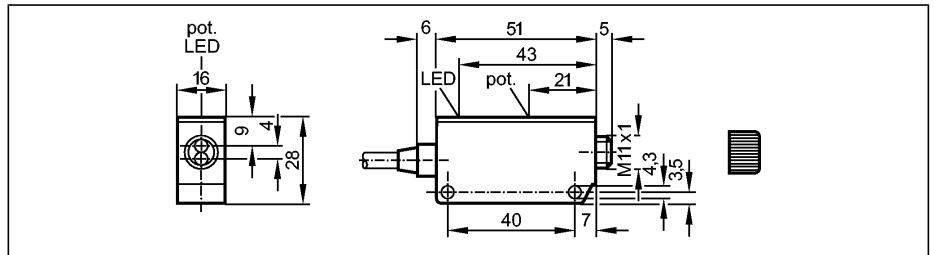
Photoelectric sensors

OU5001

OUF-HPKG
Fibre-optic amplifier
Rectangular, plastics
Cable

Sensing range 120mm
(Through-beam sensor)

Range 40mm
(Diffuse reflection sensor)
adjustable



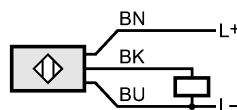
Made in Germany



Electrical design	DC PNP
Output	light-on mode
Operating voltage [V]	10...55 DC
Current rating [mA]	250
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Voltage drop [V]	< 2.5
Current consumption [mA]	< 35 (24 V)
Switching frequency [Hz]	100
Type of light	Infrared light 880 nm
Ambient temperature [°C]	-25...80
Protection	IP 65, II
EMC	EN 60947-5-2
Housing materials	modified PPO
Function display	yellow
Switching status LED	PVC cable / 2 m; 3 x 0.34 mm ²
Connection	0.155
Weight [kg]	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".
Remarks	
Accessories (included)	Angle bracket, E20211, screwdriver

Wiring

- Core colours
 BN brown
 BU blue
 BK black



OU5001

Excess gain graphs

