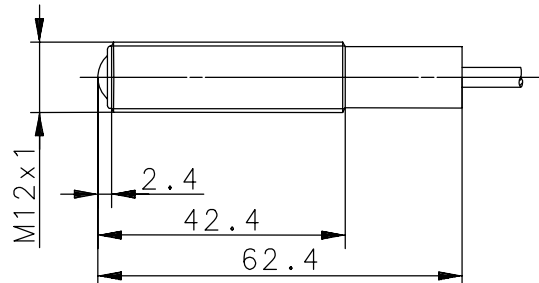
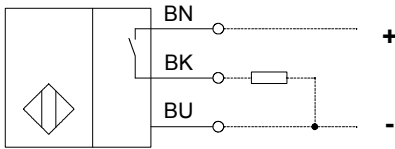


Series OT12

Article number **6550930001**

Wiring Diagram



Identifying characteristics in accordance with EN 60947-5-2

Electrical data		
Switching level		< 10Lux, typ. 5Lux
Operational voltage range	U_B	12 – 39V DC
Rated insulation voltage	U_i	75V DC
Rated impulse withstand voltage	U_{imp}	500V
Voltage drop	U_d	≤ 2V
Utilization category		DC-12
Off-state current	I_r	≤ 0,1mA
No-load supply current	I_o	< 10mA
Max. rated output current	I	50mA
Output		not short-circuit proof
Frequency of operating cycles	f	≈ 1Hz
False polarity protection		yes
Time delay before availability	t_v	0,3s
Turn on time	t_{on}	0,5s

Electromagnetic compatibility (EMC)		
Electromagnetic field test	IEC 61000-4-3	$3V_m$
Electrostatic discharge test	IEC 61000-4-2	8kV
Electrical fast transient immunity test (Burst)	IEC 61000-4-4	2kV
Radiated disturbance field strength	EN 55011	≤40dB (μV/m)

Mechanical Data	
Front cap	PA 12
Enclosure	PA 6, red
Ambient air temperature	-20°C ... +70°C
Type of protection	IP67
Pollution degree	3 (Pollution of the optic can cause impairments of the sensing range.)
Termination type	Cable 3 x 0,34mm ² x 2m; PUR - Outer jacket, black

EU Conformity	CE
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