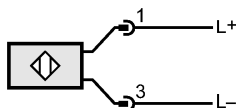


Product characteristics  
Through-beam sensor

Threaded type	
M12 x 1	
Quick disconnect	
Transmitter	
Sensing range 4m	
Electrical data	
Electrical design	DC
Operating voltage [V]	10...36 DC
Current consumption [mA]	< 25
Type of light	Infrared light 880 nm
Protection class	II
Reverse polarity protection	yes
Outputs	
Short-circuit protection	yes (non-latching)
Overload protection	yes
Monitoring range	
Sensing range [m]	4
Light spot diameter [mm]	700 ( at maximum range )
Environment	
Ambient temperature [°C]	-25...60
Protection	IP 65
Tests / approvals	
EMC	EN 60947-5-2
MTTF [Years]	1597
Mechanical data	
Housing materials	brass Optalloy-plated
Lens material	PMMA
Weight [kg]	0.042
Displays / operating elements	
Power LED	green
Electrical connection	
Connection	M12 connector

**Wiring**



**OF5021 - Through-beam sensor - eclass: 27270901 / 27-27-09-01**

Accessories (included)	2 lock nuts
Remarks	
Pack quantity [piece]	1

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