



Through-beam sensor transmitter

OUS-00KG



one transmitting diode in upper and lower lens



Product characteristics

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

Application

Function principle	Through-beam sensor
--------------------	---------------------

Electrical data

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

Outputs

Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Transmitter / receiver	transmitter
Range [m]	< 6
Range adjustable	no
Max. light spot diameter [mm]	734
Light spot dimensions refer to	at maximum range

Operating conditions

Ambient temperature [°C]	-25...80
Protection	IP 67

Tests / approvals

EMC	EN 60947-5-2	
	EN 55011	class B
MTTF [years]	1801	

OU5005



Through-beam sensor transmitter

OUS-00KG

Mechanical data		
Weight	[g]	138
Housing		rectangular
Dimensions	[mm]	28 x 16 x 51
Material		PPO modified
Lens material		glass
Lens alignment		Side sensing

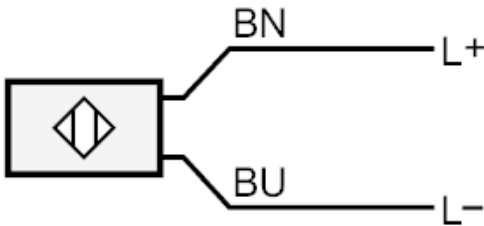
Displays / operating elements		
Display	Power	1 x LED, yellow

Accessories	
Items supplied	Angle bracket: 1, E20211

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 2 m, PVC; 2 x 0.34 mm²	

Connection



	Core colors :
BN =	brown
BU =	blue
BK =	black