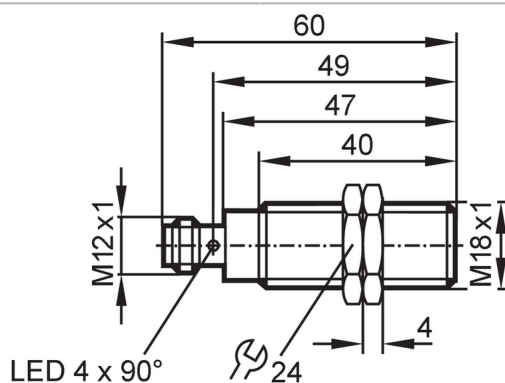


OGS300



Through-beam sensor transmitter

OGS-00KG/US100



Product characteristics

Type of light	red light
Housing	Threaded type

Application

Function principle	Through-beam sensor
Application	food and beverage industry

Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	15
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	624

Monitoring range

Transmitter / receiver		transmitter
Range	[m]	< 20
Range adjustable		no
Max. light spot diameter	[mm]	800
Light spot dimensions refer to		at maximum range

Operating conditions

Ambient temperature	[°C]	-25...80
Protection		IP 65; IP 67; IP 68; IP 69K

Tests / approvals

EMC	EN 60947-5-2	
MTTF	[years]	755

Mechanical data

Weight	[g]	59.4
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 60
Thread designation		M18 x 1
Material		housing: stainless steel (1.4404 / 316L); sealing: EPDM

OGS300



Through-beam sensor transmitter

OGS-00KG/US100

Lens material	front lens:PMMA	
Displays / operating elements		
Display	Power	1 x LED, green
Accessories		
Items supplied	lock nuts: 2	
Remarks		
Remarks	cULus - Class 2 source required	
Pack quantity	1 pcs.	

Electrical connection		
Connector: 1 x M12; coding: A; Contacts: 4		

Connection

Diagrams and graphs	
excess gain graph	