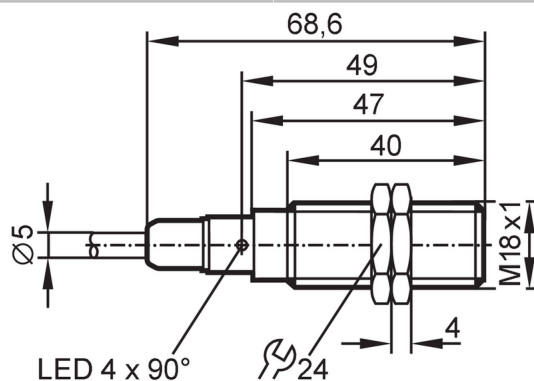


OGP302



Retro-reflective sensor

OGP-DPKG/6M



Product characteristics

Type of light	red light
Housing	Threaded type

Application

Special feature	polarization filter
Function principle	Retro-reflective 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

Outputs

Electrical design	PNP
Output function	dark-on mode
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	150; (200 (...60 °C))
Switching frequency DC [Hz]	1000
Short-circuit protection	yes
Type of short-circuit protection	yes (non-latching)
Overload protection	yes

Monitoring range

Range referred to prismatic reflector [m]	0.03...4; (Prismatic reflector Ø 80 E20005)
Range adjustable	no
Max. light spot diameter [mm]	160
Light spot dimensions refer to	at maximum range
Polarization filter available	yes

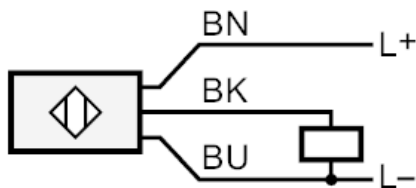
OGP302



Retro-reflective sensor

OGP-DPKG/6M

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]	509
Mechanical data		
Weight	[g]	258.3
Housing		Threaded type
Dimensions	[mm]	M18 x 1 / L = 68.6
Thread designation		M18 x 1
Material		housing: stainless steel (1.4404 / 316L); sealing: EPDM
Lens material		front lens:PMMA
Displays / operating elements		
Display	Switching status	1 x LED, yellow
Accessories		
Items supplied		lock nuts: 2
Remarks		
Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.
Electrical connection		
Cable: 6 m, PVC; 3 x 0.34 mm²		
Connection		



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



Retro-reflective sensor

OGP-DPKG/6M

Diagrams and graphs

excess gain graph

