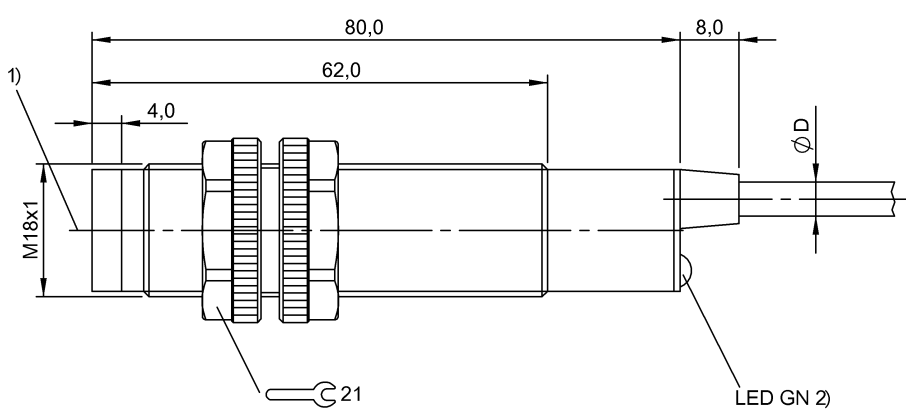


Photoelectric Sensors
BLS 18K-XX-7P-BO-L-03
Order Code: BOS0133



1) Optical axis, 2) Operating voltage



Basic features

Approval/Conformity	CE UKCA WEEE
Basic standard	IEC 60947-5-2
Principle of operation	Photoelectric sensor
Reference receiver	BLE 18K-..-7P-..
Series	18K
Style	Cylinder Straight optics

Environmental conditions

Ambient temperature	-5...55 °C
IP rating	IP67

Material

Housing material	PA 12
Material jacket	PVC
Material sensing surface	PMMA

Mechanical data

Dimension	Ø 18 x 88 mm
Mounting part	Nut M18x1

Optical features

Light type	Infrared
Principle of optical operation	Through-beam sensor (Emitter)
Wave length	880 nm

Range/Distance

Range	0...16 m
Rated operating distance Sn	16 m

Electrical connection

Cable diameter D	5.10 mm
Cable length L	3 m
Conductor cross-section	0.34 mm²
Connection	Cable, 3.00 m, PVC
Number of conductors	2
Polarity reversal protected	yes
Protection against device mix-ups	yes

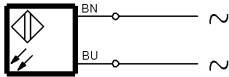
Electrical data

No-load current I _{o max.} at U _e	10 mA
Operating voltage U _b	20...240 VAC
Rated insulation voltage U _i	250 V AC
Rated operating voltage U _{e AC}	230 V

Remarks

Order accessories separately.

Wiring Diagrams



Opto Symbols

