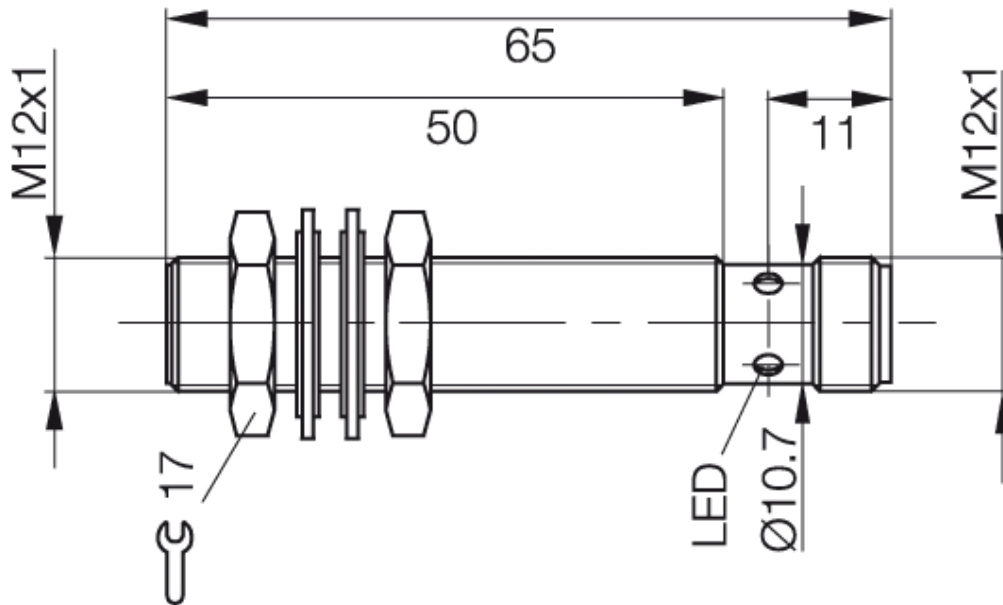


BES M12MI-PSC30B-S04G-W
BES02K1

PNP
NO
flush mountable



Electrical data:

Connection	Connector S4 (M12)
Electrical type	DC
Load capacitance max	0,500 µF
No-load supply current damped	9 mA
Operating frequency (f)	300 Hz
Rated operational voltage (Ue)	24 DC V
Utilization category	DC 13
Ripple max. of Ue	= 10 %
Supply voltage min. (Ub)	10 V
Time delay before availability	15 ms
Hysteresis max (H)	15 %
Switching output	PNP
Switching element function	NO
Magnetic field strength	100 kA/m
Load current capacity (Ie)	200 mA
No-load supply current undamped	6 mA
Off-state current max (Ir)	20 µA
Voltage drop max. static	2,5 V
Supply voltage max. (Ub)	30 V

Mechanical data:

Number of Wires	3-wire
Diameter	M12x1 mm
Ambient temperature max	+60 °C
Ambient temperature min	5 °C
Mounting	flush mountable
Degree of pollution	3
Sensing face material	LCP and PTFE
Rated operating distance (sn)	3 mm
Assured operating distance	0...2,4 mm
Housing material	CuZn, PTFE coated
Repeat accuracy max. (R)	5 %

General data:

Power Indication	no
Degree of protection IP	IP67
Features	Slag resistant
Insulation class	2
Output indication	yes
Protected against polarity reversal	yes
Short circuit protected	yes
Approval	CE,c_ul_us

Wiring:



Pinout:

