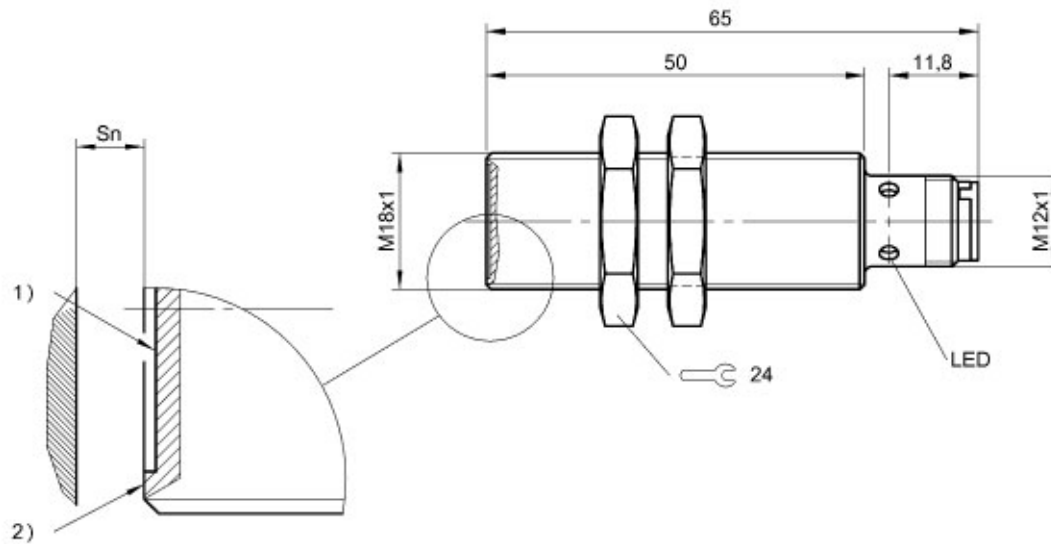


BES M18MI-PSC40B-S04G-W03
BES03MY

PNP
Normally-open (NO)
flush mountable



Electrical data:

Connection	Connector S4 (M12)
Output resistance (Ra)	33kΩ
Start-up delay max. (tv)	30 ms
Load capacitance max.	0,500 µF
Switching function	Normally-open (NO)
Magnetic field strength	100 kA/m
Rated insulation voltage (Ui)	75 DC
Rated conditional short circuit current	100 A
Hysteresis max. (H)	15 %
max. ripple of Ue	10 %
Supply voltage max. DC (UB)	30 V
Supply voltage min. DC (UB)	10 V
Electrical type	DC
No-load supply current damped	15 mA
No-load supply current undamped	10 mA
Switching frequency (f)	50 Hz
Voltage drop static max.	2,5 V
Rated operating voltage DC	24 DC V
Rated operating current (Ie)	200 mA
Utilisation category	DC 13
Switching output	PNP

Mechanical data:

Ambient temperature max.	+70 °C
Repeat accuracy (R)	5 %
Number of Wires	3-wire
Tightening torque	15 Nm
Mechanical installation condition	flush mountable
Ambient temperature min.	-25 °C
Degree of contamination	3
Rated operating distance (sn)	4 mm
Diameter	M18x1 mm
Assured operating distance (Sa)	0...3,2 mm
Sensing face material	LCP and PTFE
Housing material	CuZn, PTFE coated

General data:

Enclosure rating IP	IP 67
Features	Magnetic field immune
Supply voltage indicator	no
Magnetic field immune	yes
Polarity reversal protected	yes
Approval	CE, c_ul_us
Function indicator	yes
Short circuit protected	yes
Protection Class	2

Wiring



Pinout

