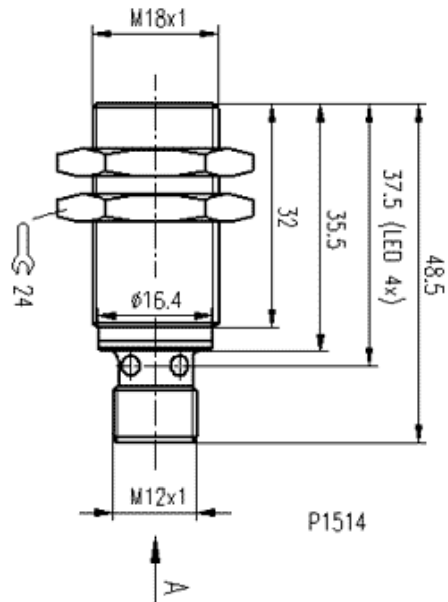


BES M18MD1-NSC12B-S04G
BES02Y4

NPN
NO
quasi flush mountable



Electrical data:

Load current capacity (I _e)	200 mA
Off-state current max (I _r)	100 µA
Supply voltage max. (U _b)	30 V
Rated operational voltage (U _e)	24 DC V
Utilization category	DC 13
Hysteresis max (H)	10 %
Ripple max. of U _e	20 %
Supply voltage min. (U _b)	10 V
Time delay before availability	50 ms
No-load supply current undamped	10 mA
Operating frequency (f)	500 Hz
Voltage drop max. static	2 V
Connection	Connector S4 (M12)
Electrical type	DC
No-load supply current damped	= 10 mA
Switching output	NPN
Switching element function	NO

Mechanical data:

Tightening torque	25 Nm
Rated operating distance (s _n)	12 mm
Assured operating distance	0...9,6 mm
Housing material	CuZn, chrome plated
Repeat accuracy max. (R)	5 %
Diameter	M18x1 mm
Ambient temperature max	+70 °C
Number of Wires	3-wire
Mounting	quasi flush mountable
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	PBT

General data:

Degree of protection IP	IP67
Short circuit protected	yes
Approval	CE
Output indication	yes
Protected against polarity reversal	yes

Wiring:



Pinout:

