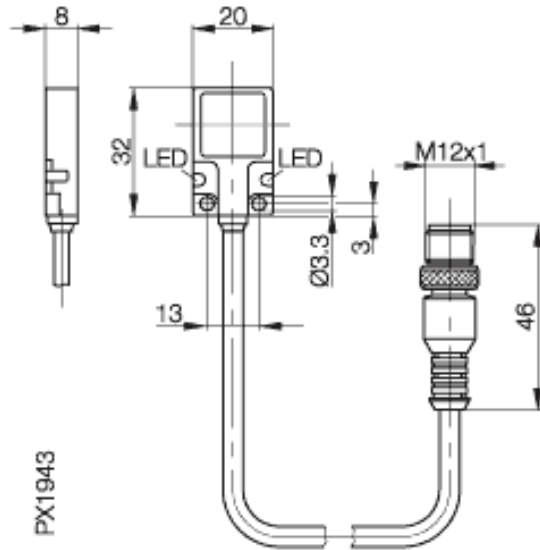


BES R01ZC-PSC50B-BX00.2-GS04-W01

Inductive Sensors

PNP NO
flush mountable
Sn = 5 mm

**Electrical data:**

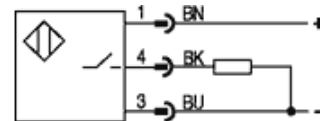
Connection	cable with connector
Load current capacity (I _e)	200 mA
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current damped	= 15 mA
Off-state current max (I _r)	80 µA
Ripple max. of U _e	= 10 %
Switching output	PNP
Switching element function	NO
Operating frequency (f)	100 Hz
Voltage drop max. static	2,5 V
Supply voltage max. (U _b)	30 V
Supply voltage min. (U _b)	10 V

Mechanical data:

Rated operating distance (s _n)	5 mm
Assured operating distance	0...4 mm
Cable code designation	3x0,25mm ²
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	Ceramic, coated
Housing material	GD Zn
Repeat accuracy max. (R)	= 5 %

General data:

Special Duty	SlagMaster
Power Indication	yes
Output indication	yes
Short circuit protected	yes
Magnetic field immune	yes
Degree of protection IP	IP67
Recommended connector	C04 AEL-00-TY-050M
Protected against polarity reversal	yes
Approval	CE, c _{ul} _us
Features	weld immune
Additional text 1	*Sn reduced by coating thickness of 0.2mm

wiring**Pinout**