

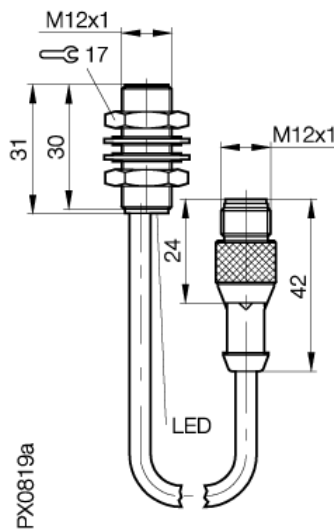
BES 516-325-E4-C-S 4-00,5

Inductive Sensors

PNP

NO

flush mountable

**Electrical data:**

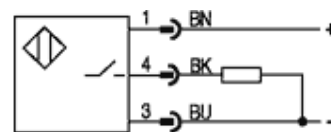
Connection	cable with connector
Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	200 mA
Time delay before availability	15 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current damped	= 10 mA
Off-state current max (Ir)	30 µA
Ripple max. of Ue	= 15 %
Switching output	PNP
Switching element function	NO
Operating frequency (f)	5000 Hz
Voltage drop max. static	2 V
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V

Mechanical data:

Number of Wires	3-wire
Tightening torque	15 Nm
Rated operating distance (sn)	2 mm
Diameter	M12x1 mm
Assured operating distance	0...1,6 mm
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	PBTB
Housing material	CuZn, nickel plated
Repeat accuracy max. (R)	= 5 %

General data:

Output indication	yes
Short circuit protected	yes
Degree of protection IP	IP68 per BWN Pr 20
Insulation class	2
Protected against polarity reversal	yes
Approval	CE, ULZ1

wiring**Pinout**