

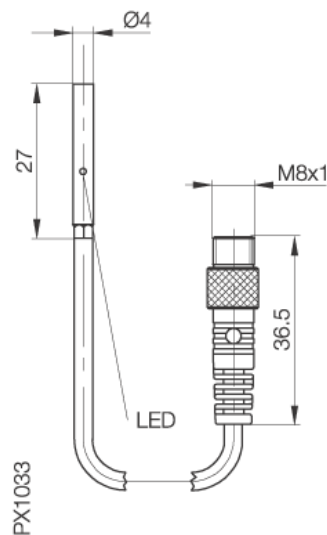
BES 516-3008-E4-C-S49-00,2

Inductive Sensors

NPN

NO

flush mountable

**Electrical data:**

Connection	cable with connector
Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	100 mA
Time delay before availability	25 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	15 %
No-load supply current damped	= 12 mA
No-load supply current undamped	3 mA
Off-state current max (Ir)	80 µA
Ripple max. of Ue	= 10 %
Switching output	NPN
Switching element function	NO
Operating frequency (f)	3000 Hz
Voltage drop max. static	3 V
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V

Mechanical data:

Number of Wires	3-wire
Rated operating distance (sn)	0,8 mm
Diameter	4 mm
Assured operating distance	0...0,65 mm
Cable code designation	LIFY-11Y-O
Mounting	flush mountable
Ambient temperature max	+70 °C
Ambient temperature min	-25 °C
Degree of pollution	3
Sensing face material	POM
Housing material	corrosion resistance Steel
Repeat accuracy max. (R)	= 5 %

General data:

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

wiring**Pinout**