

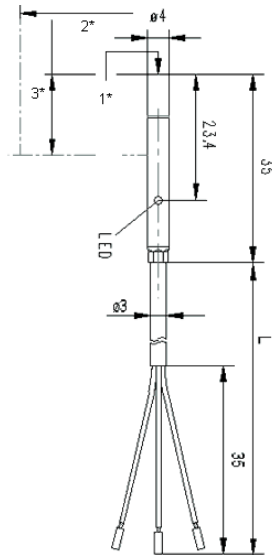
BES G04ED-POC50F-EP05

Inductive Sensors

PNP
NC
non flush mountable

BALLUFF

sensors worldwide



1* Aktive Fläche / active surface
 2* Freizone >Ø44 / free zone >Ø44
 3* Freizone >15 / free zone >15

Electrical data:

Connection	cable
Rated operational voltage (Ue)	24 DC V
Load current capacity (Ie)	100 mA
Time delay before availability	20 ms
Electrical type	DC
Utilization category	DC 13
Hysteresis max (H)	20 %
No-load supply current damped	10 mA
Off-state current max (Ir)	10 µA
Ripple max. of Ue	10 %
Switching output	PNP
Switching element function	NC
Operating frequency (f)	3000 Hz
Voltage drop max. static	2,5 V
Supply voltage max. (Ub)	30 V
Supply voltage min. (Ub)	10 V

Mechanical data:

Number of wires	3-wire
Rated operating distance (sn)	5 mm
Diameter	4 mm
Assured operating distance	0...4,1 mm
Cable code designation	LifY-11Y-0, 3x0,14mm ²
Mounting	non 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)	= 10 %

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



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Online Productinformation
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