

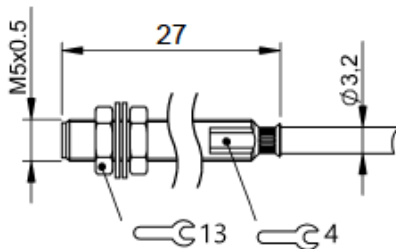
<< Inductive Sensor

M5x0.5

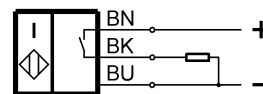
High temperature resistant : Tmax. +135°C

Technical Data

Type	IG5-0.8B-27E-PSK-T135
Rated operating distance S_n	0.8mm
Mounting condition	Flush
Output function	3-wire, PNP, normally open (NO)
Assured operating distance S_a	0.58mm
Correction factors	St37=1, V2A ~ 0.7, Al ~ 0.3
Hysteresis H_{max} . (% of S_r)	15%
Temperature drift max. (% of S_r)	10%
Ambient temperature	0...+135°C
Operating voltage U_b	10...30VDC
Rated operating voltage U_e DC	24V
Rated operating current I_e	100mA
No-load current I_o max. - damped	5mA
No-load current I_o max. - undamped	5mA
Residual current I_r max.	0.05mA
Voltage drop static max.	2V
Pressure rating max.	10 bar
Short-circuit protection	Yes
Polarity reversal protected	Yes
Switching frequency	1500Hz
Dimension	M5x0.5x27mm
Housing material	Stainless steel (1.4104)
Material sensing surface	Ceramic
Connection type	Cable 2m Silocone 3x0.15 mm ² D=3.15mm
Protection class	IP67
Function indicator / Power indicator	no / no
Approval / Conformity	CE / EAC / cULus LISTED / IEC 60947-5-2



Wiring Diagram



PNP NO