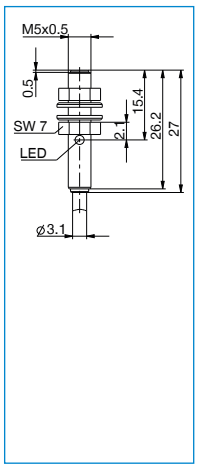
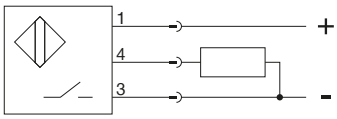
INDUCTIVE PROXIMITY SWITCH

NJ5-E2

Order no.	NJ5-E2
General data	
Certification	CE
Basic standard	IEC 60947-5-2
Protection to IEC 60529	IP67
Function display	Yes
Protected against polarity reversal	Yes
Power indicator	No
Short-circuit-proof	Yes
Electrical data	
Connection type	Cable
Effective operating voltage [V DC]	24
Rated insulation voltage [V DC]	75
Load current capacity [mA]	100
Rated short circuit current [A]	100
Supply voltage min. [V DC]	10
Supply voltage max. [V DC]	30
Electrical version	DC, direct current
Minimum operating current [mA]	0
Load capacitance max. [µF]	1000
No-load current damped max. [mA]	6
Max. no-load current undamped [mA]	2
Ripple max. [%]	10
Switching output	PNP
Switching frequency [Hz]	5000
Switching function	Normally open (NO)
Voltage drop [V]	2.0
Mechanical data	
Nr. of wires x diameter [mm²]	3x0.14
Tightening torque [Nm]	1.00
Mounting length [mm]	26.0
Rated operating distance Sn [mm]	0.80
Installation type	flush
Housing Material	Stainless steel
Assured switching distance Sa [mm]	0.65
Cable-Ø D [mm]	3.1
Cable length [m]	5
Effective operating distance Sr [mm]	0.8
Sensor-Ø [mm]	M5x0.5
Depth [mm]	27.0
Ambient temperature range [°C]	-25 ... +70
Active surface material	PBT
Cable sheath material	PUR