

INDUCTIVE PROXIMITY SWITCH

NJ8-E2S-17

Order no.	NJ8-E2S-17
General data	
Certification	CE
Basic standard	IEC 60947-5-2
Protection to IEC 60529	IP68
Function display	Yes
Protected against polarity reversal	Yes
Power indicator	No
Short-circuit-proof	Yes
Electrical data	
Connection type	Connector
Output resistance Ra [kOhm]	33.0
Effective operating voltage [V DC]	24
Rated insulation voltage [V AC]	250
Load current capacity [mA]	200
Rated short circuit current [A]	100
Supply voltage min. [V DC]	10
Supply voltage max. [V DC]	30
Hysteresis	15% of Sr
Load capacitance max. [μF]	0.500
Max. no-load current undamped [mA]	3
Ripple max. [%]	15
Switching output	PNP
Switching frequency [Hz]	1500
Switching function	Normally open (NO)
Voltage drop [V]	2.5
Repetition accuracy [%]	5.0
Mechanical data	
Tightening torque [Nm]	8.00
Rated operating distance Sn [mm]	2.00
Installation type	flush
Housing Material	Stainless steel
Assured switching distance Sa [mm]	1.60
Effective operating distance Sr [mm]	2
Ambient temperature range [°C]	-25 ... +70
Active surface material	PBT

