

INDUCTIVE PROXIMITY SWITCH

NJR04-E2SK

Order no.	NJR04-E2SK
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/Connector M8
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. [μ F]	0.200
No-load current damped max. [mA]	10.0
Max. no-load current undamped [mA]	3.0
Ripple max. [%]	15
Switching output	PNP
Switching frequency [Hz]	2500
Switching function	Normally open (NO)
Voltage drop [V]	2.5
Mechanical data	
Tightening torque [Nm]	0.06
Rated operating distance S_n [mm]	1.50
Width [A] [mm]	16.0
Installation type	flush
Housing Material	PA 6 - GF30
Assured switching distance S_a [mm]	1.20
Height (small side) [mm]	8.0
Cable- \varnothing D [mm]	2.40
Cable length [m]	0.3
Effective operating distance S_r [mm]	1.50
Connector type	M8x1
Depth [mm]	4.7
Ambient temperature range [$^{\circ}$ C]	-25 ... +70
Active surface material	PA 6 - GF30
Cable sheath material	PUR

