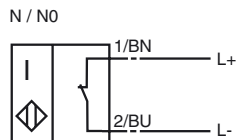
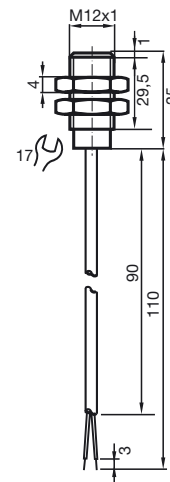


CE

**Model Number**

NJ4-12GK-N-Y37980

**Connection****Dimensions****Technical Data****General specifications**

Switching element function		NAMUR
Rated operating distance	$s_n$	4 mm
Installation		not embeddable
Assured operating distance	$s_a$	0 ... 3.3 mm
Reduction factor $r_{Al}$		0.4
Reduction factor $r_{Cu}$		0.3
Reduction factor $r_{V2A}$		0.85

**Nominal ratings**

Nominal voltage	$U_o$	8 V
Switching frequency	$f$	0 ... 1500 Hz
<b>Current consumption</b>		
Measuring plate not detected		$\geq 3$ mA
Measuring plate detected		$\leq 1$ mA

**Standard conformity**

EMC in accordance with	IEC / EN 60947-5-2:2004
Standards	DIN EN 60947-5-6 (NAMUR)

**Ambient conditions**

Ambient temperature	-25 ... 100 °C (248 ... 373 K)
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**Mechanical specifications**

Connection type	X m, PUR cable
Core cross-section	0.34 mm <sup>2</sup>
Housing material	PVDF
Sensing face	PVDF
Protection degree	IP68



**ATEX**

Data for Ex areas

Effective internal inductivity	$C_i$	$\leq 40 \text{ nF}$
Effective internal inductance	$L_i$	$\leq 25 \text{ }\mu\text{H}$

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