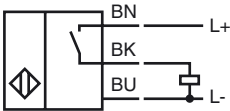
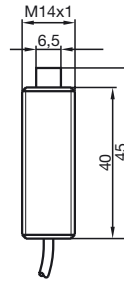


**Model Number**

NJ1,5-6,5-E2-G-5M

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

Switching element function	PNP	NO
Rated operating distance	s_n	1.5 mm
Installation	embeddable	
Output polarity	switched high	
Assured operating distance	s_a	0 ... 1.215 mm
Reduction factor r_{AI}	0.24	
Reduction factor r_{Cu}	0.21	
Reduction factor r_{304}	0.67	

Nominal ratings

Operating voltage	U_B	10 ... 60 V
Switching frequency	f	0 ... 500 Hz
Hysteresis	H	1 ... 15 typ. 5 %
Reverse polarity protected	reverse polarity protected	
Short-circuit protection	pulsing	
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 100 mA
Lowest operating current	I_m	0 mA
Off-state current	I_r	0 ... 0.1 mA typ. 0.01 mA
No-load supply current	I_0	≤ 6 mA
Indication of the switching state	-	

Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
Storage temperature	-40 ... 85 °C (-40 ... 185 °F)

Mechanical specifications

Connection type	cable PVC , 5 m
Core cross-section	0.34 mm ²
Housing material	Stainless steel 1.4305 / AISI 303
Sensing face	PBT
Protection degree	IP67

Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Certified by China Compulsory Certification (CCC)