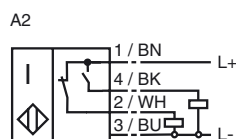
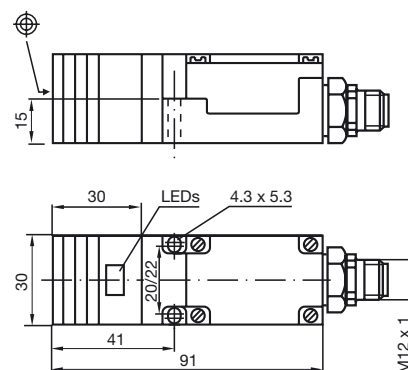


**Model Number****NJ15-M1K-A2-V1****Features**

- Comfort series
- 15 mm not embeddable

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

Switching element function	PNP	Antivalent
Rated operating distance	s_n	15 mm
Installation	not embeddable	
Output polarity	DC	
Assured operating distance	s_a	0 ... 12.15 mm
Reduction factor r_{AI}	0.3	
Reduction factor r_{Cu}	0.2	
Reduction factor r_{V2A}	0.7	

Nominal ratings

Operating voltage	U_B	10 ... 60 V
Switching frequency	f	0 ... 150 Hz
Hysteresis	H	typ. 3 %
Reverse polarity protection	protected against reverse polarity	
Short-circuit protection	pulsing	
Voltage drop	U_d	≤ 2.5 V
Design data		
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	≤ 14.5 mA
Operating voltage display	LED, green	
Indication of the switching state	LED, yellow	

Standard conformity

Standards	IEC / EN 60947-5-2:2004
-----------	-------------------------

Ambient conditions

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
---------------------	-------------------------------

Mechanical specifications

Connection type	connector M12 x 1
Housing material	PBT
Sensing face	PBT
Protection degree	IP67