

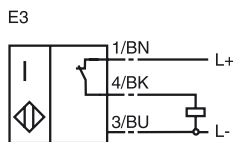
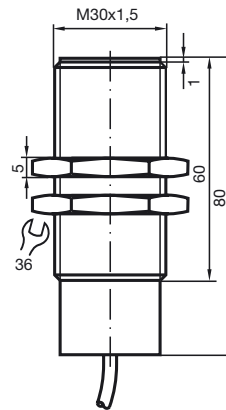
CE

**Model Number**

NJ10-30GK-E3-Y10560

**Features**

- Basic series
- Stainless steel nuts
- With BF30

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

Switching element function	PNP Break function
Rated operating distance	$s_n$ 10 mm
Installation	embeddable
Output polarity	DC
Assured operating distance	$s_a$ 0 ... 8.1 mm
Reduction factor $r_{Al}$	0.4
Reduction factor $r_{Cu}$	0.3
Reduction factor $r_{V2A}$	0.85

**Nominal ratings**

Operating voltage	$U_B$ 10 ... 30 V
Switching frequency	$f$ 0 ... 300 Hz
Hysteresis	$H$ 0 ... 10 typ. %
Reverse polarity protection	protected against reverse polarity
Short-circuit protection	pulsing
Voltage drop	$U_d$ $\leq$ 3 V
Operating current	$I_L$ 0 ... 200 mA
No-load supply current	$I_0$ $\leq$ 20 mA
Indication of the switching state	no

**Standard conformity**

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

**Ambient conditions**

Ambient temperature	-40 ... 70 °C (233 ... 343 K)
---------------------	-------------------------------

**Mechanical specifications**

Connection type	2 m, silicone cable
Core cross-section	0.75 mm <sup>2</sup>
Housing material	PBT
Sensing face	PBT
Protection degree	IP67