

**Model Number**

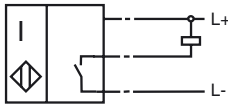
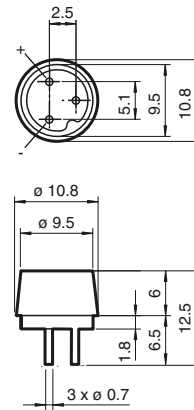
NBN5-11K8-E0-V8

**Features**

- Basic series
- 5 mm not embeddable

**Connection**

E / E0

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

Switching element function	NPN	NO
Rated operating distance	$s_n$	5 mm
Installation	not embeddable	
Assured operating distance	$s_a$	0 ... 4.05 mm

**Nominal ratings**

Operating voltage	$U_B$	4.75 ... 30 V DC
Switching frequency	$f$	0 ... 500 Hz
Voltage drop	$U_d$	$\leq 1$ V
Temperature drift	$\pm 15\%$	
Operating current	$I_L$	0 ... 25 mA
No-load supply current	$I_0$	$\leq 10$ mA

**Ambient conditions**

Ambient temperature	-10 ... 65 °C (14 ... 149 °F)
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**Mechanical specifications**

Connection type	Solder connection
Housing material	Polyamides

**Approvals and certificates**

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Products with a maximum operating voltage of $\leq 36$ V do not bear a CCC marking because they do not require approval.