



## **Inductive sensor**

**NBB2-8GM30-E2-0,5M-V1**

URL:<https://www.sxplc.com/inductive-sensor-nbb2-8gm30-e2-0-5m-v1>

**Product data sheet**

Time delay before availability	$t_v$	$\leq 100$ ms
Switching state indicator		LED, yellow
<b>Functional safety related parameters</b>		
MTTF <sub>d</sub>		960 a
Mission Time (T <sub>M</sub> )		20 a
Diagnostic Coverage (DC)		0 %
<b>Compliance with standards and directives</b>		
Standard conformity		
Standards		EN IEC 60947-5-2
<b>Approvals and certificates</b>		
UL approval		cULus Listed, General Purpose, Class 2 Power Source
CCC approval		CCC approval / marking not required for products rated $\leq 36$ V
<b>Ambient conditions</b>		
Ambient temperature		-40 ... 85 °C (-40 ... 185 °F)
Storage temperature		-40 ... 85 °C (-40 ... 185 °F)
<b>Mechanical specifications</b>		
Connection type		Cable connector M12 x 1 , PVC , 500 mm
Core cross section		0.14 mm <sup>2</sup>
Housing material		brass, nickel-plated
Sensing face		LCP
Degree of protection		IP65 / IP66 / IP67
Cable		
Cable diameter		3 mm - 0.2 mm
Bending radius		> 12 x cable diameter
<b>Dimensions</b>		
Length		30 mm
Diameter		8 mm
<b>General information</b>		
Scope of delivery		2 hex nuts included

