



Proximity switch, inductive, 1 N/C, $S_n=1\text{mm}$, 3L, 10-30VDC, NPN, M8mm, M12



Powering Business Worldwide™

Part no. **E57EBL8T110SD**
 Article no. **136256**
 Catalog No. **E57EBL8T110SD**

Delivery program

Basic function			Inductive Sensors
Product range			E57 Miniatur Series
Connection			3-wire
Design (outer dimensions)		mm	M8 x 1
Rated operational voltage	U_e		10 - 30 V DC
Rated switching distance	S_n	mm	1
Type of mounting			Flush
Switching type			NPN
For connection of:			Plug-in connection M12 x 1
Contacts			
N/C = Normally closed			1 NC
Material			Stainless steel
Degree of Protection			IP67

Technical data

General

Standards			IEC/EN 60947-5
Ambient temperature			-25 - +70
Mechanical shock resistance		g	30 Shock duration 11 ms
Degree of Protection			IP67

Characteristics

Rated switching distance			
Rated switching distance	S_n	mm	1
Repetition accuracy of S_n		%	1
Temperature drift of S_n		%	10
Switching hysteresis of S_n		%	15
Rated operational voltage	U_e		10 - 30 V DC
Maximum load current	I_e	mA	< 200
Operating current in the switched state at 24 V DC	I_b	mA	10
Voltage drop at I_e	U_d	V	1.5
Switching Frequency		Hz	2000
Residual current through the load in the blocked state at 230 V AC and 24 V DC	I_r	mA	0.01
Switching state display		LED	Red
Protective functions			Short-circuit protective device
Connection			3-wire
Contacts			
N/C = Normally closed			1 NC
Style			
Design (outer dimensions)		mm	M8 x 1
For connection of:			Plug-in connection M12 x 1
Material			Stainless steel

Design verification as per IEC/EN 61439

Technical data for design verification			
Operating ambient temperature min.		°C	-25
Operating ambient temperature max.		°C	70

Approvals

Product Standards			CE marking
Max. Voltage Rating			30 V DC
Degree of Protection			IEC: IP67; UL/CSA Type: -