

## SLC-12 Series (Cylindrical Type) Inductive Proximity Switches

Operating Temperature: -25°C~70°C  
 Protectio: Reverse Polarity Protection + Short circuit and overload protection  
 LED indicator: Red output energized, 360 visibility  
 Degree of Protection: IP67 (EN 60529)  
 Applicable Standard: GB/T14048.10 EN 60947-5-2  
 Certification: UL Certification: E310408 CCC Certification: 20080103050268320



### ■ Dimensions (mm)

<p>SLC-12-2*E** SLC-12-5*E** Pre-wired, Shielded Style</p>	<p>SLC-12-4*N** SLC-12-7*N** Pre-wired, Unshielded Style</p>
<p>SLC-12-2*E**(30) SLC-12-5*E**(30) Pre-wired, Shielded, Short Style</p>	<p>SLC-12-4*N**(30) SLC-12-7*N**(30) Pre-wired, Unshielded, Short Style</p>
<p>SLC-12-2*E**-M12 SLC-12-5*E**-M12 Quick Connector (M12 Connector), Shielded Style</p>	<p>SLC-12-4*N**-M12 SLC-12-7*N**-M12 Quick Connector (M12 Connector), Unshielded Style</p>
<p>SLC-12-2*E**-M12(30) SLC-12-5*E**-M12(30) Quick Connector (M12 Connector), Shielded, Short</p>	<p>SLC-12-4*N**-M12(30) SLC-12-7*N**-M12(30) Quick Connector (M12 Connector), Unshielded, Short</p>

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### ■ Specifications

Type	Model Number(s)	Sn	Type		Supply voltage			Output				Load current (max) mA	Switching frequency Hz
		Sensing Range Sn mm	Shielded	Unshielded	10-30VDC	10-36VDC	20-250VAC	Normal open	Normal close	NPN	PNP		
2-wire DC	SLC-12-2DE0	2	●		●			●				50	800
	SLC-12-2DEC	2	●		●				●			50	800
	SLC-12-5DNO	5		●	●			●				50	500
	SLC-12-5DNC	5		●	●				●			50	500
2-wire DC Extended Distance	SLC-12-4DE0	4	●		●			●				50	250
	SLC-12-4DEC	4	●		●				●			50	250
	SLC-12-7DNO	7		●	●			●				50	200
	SLC-12-7DNC	7		●	●				●			50	200
3-wire DC	SLC-12-2DEON	2	●			●		●		●		200	800
	SLC-12-2DEOP	2	●			●		●			●	200	800
	SLC-12-2DECN	2	●			●			●	●		200	800
	SLC-12-2DECP	2	●			●			●		●	200	800
	SLC-12-5DNON	5		●	●			●		●		200	800
	SLC-12-5DNOP	5		●	●			●			●	200	800
	SLC-12-5DNCN	5		●	●				●	●		200	800
	SLC-12-5DNCP	5		●	●				●		●	200	800
3-wire DC Extended Distance	SLC-12-4DEON	4	●			●		●		●		200	800
	SLC-12-4DEOP	4	●			●		●			●	200	800
	SLC-12-4DECN	4	●			●			●	●		200	800
	SLC-12-4DECP	4	●			●			●		●	200	800
	SLC-12-7DNON	7		●	●			●		●		200	800
	SLC-12-7DNOP	7		●	●			●			●	200	800
	SLC-12-7DNCN	7		●	●				●	●		200	800
	SLC-12-7DNCP	7		●	●				●		●	200	800
2-wire AC	SLC-12-2AE0	2	●				●	●				350	25
	SLC-12-2AEC	2	●				●		●			350	25
	SLC-12-5ANO	5		●			●	●				350	25
	SLC-12-5ANC	5		●			●		●			350	25
2-wire AC Extended Distance	SLC-12-4AE0	4	●				●	●				350	25
	SLC-12-4AEC	4	●				●		●			350	25
	SLC-12-7ANO	7		●			●	●				350	25
	SLC-12-7ANC	7		●			●		●			350	25