ONRON Industrial Automation | • Global

	Oil-resistant Limit Switch, Long roller plunger, 0.1 A at 30 VDC, Right-hand cable		
No Image Available	Shape/Structure Enclosed Limit switches		
	Actuator Long roller plunger		
	Electrical ratings 0.1 A at 30 VDC		
	Contact form SPDT		
	Cable specifications Fluoro-insulated oil-resistance cable, 3 core	s, 2 m	
Image			
Ratings / Performance			
	As of A	ugust 8, 2	
Shape/Structure	As of A Enclosed Limit switches	ugust 8, 2	
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ctuator	Enclosed Limit switches Long roller plunger 11 dia. x 4.7	ugust 8, 2	
ctuator Electrical ratings	Enclosed Limit switches Long roller plunger 11 dia. x 4.7 Stainless sintered alloy rollers	ugust 8, 2	
ctuator Electrical ratings Contact form	Enclosed Limit switches Long roller plunger 11 dia. x 4.7 Stainless sintered alloy rollers 0.1 A at 30 VDC	ugust 8, 2	
ctuator Electrical ratings Contact form Load	Enclosed Limit switches Long roller plunger 11 dia. x 4.7 Stainless sintered alloy rollers 0.1 A at 30 VDC SPDT Micro load	ugust 8, 2	
Shape/Structure ctuator Electrical ratings Contact form Load Ratings (DC): Non-Inductive lo	Enclosed Limit switches Long roller plunger 11 dia. x 4.7 Stainless sintered alloy rollers 0.1 A at 30 VDC SPDT Micro load pad Resistive load: 0.1 A at 8 VDC/0.1 A at 14 VDC/0.1 A at 30 VDC Fluoro-insulated oil-resistance cable, 3 cores, 2 m Diameter: 4 dia.	ugust 8, 2	
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Permissible operating speed	0.1 mm/s to 0.5 m/s
Permissible operating frequency	Electrical: 30 operations / 1 minute max. Mechanical: 120 operations / 1 minute max.
Contact resistance (Initial value)	50 m Ω max. (initial value for the built-in switch whentested alone)
Insulation resistance	100 MΩ min. (at 500 VDC)
Dielectric strength	Between each terminal of the same polarities: 1,000 VAC 50/60 Hz 1 min Between each terminal and non-live-metallic part: 1,500 VAC 50/60 Hz 1 min
Impulse withstand voltage	Between each terminal and non-live-metallic part: 2.5 kV
Durability	Mechanical: 4,000,000 operations min.

Vibration resistance	Malfunction: 10 to 55 Hz, 1.5 mm double amplitude
Shock resistance	Destruction: 1,000 m/s ² max. Malfunction: 300 m/s ² max.
Classification of protection against electric shock	Class II (Grounding not required with double) insulation

Operating Force (OF)	Standard value 11.77 N max.
Release Force (RF)	Standard value 4.9 N min.
Pre-Travel (PT)	Standard value 1.5 mm max.
Movement Differential (MD)	Reference value 0.1 mm
Over-Travel (OT)	Standard value 3 mm min.
Operating Position (OP)	Standard value 51±0.8 mm

As of August 8, 2024



