## ONRON Industrial Automation | • Global

**Dielectric strength** 

Durability

Impulse withstand voltage

	Oil-resistant Limit Switch, Sealed roller plunger, 0.1 A at 30 VDC, Right-hand cable		
	Shape/Structure	Enclosed Limit switches	
No Image Available	Actuator	Sealed roller plunger	
	Electrical ratings	0.1 A at 30 VDC	
	Contact form	SPDT	
	Cable specification	<b>ns</b> Fluoro-insulated oil-resistance cable, 3 cores, 2 m	
Image			
Ratings / Performance			
		As of August 8, 20	
Shape/Structure	Enclosed Lim	Enclosed Limit switches	
ctuator		Sealed roller plunger 11 dia. x 4.7 Stainless sintered alloy rollers	
Electrical ratings	0.1 A at 30 VI	0.1 A at 30 VDC	
Contact form	SPDT	SPDT	
Load	Micro load	Micro load	
Ratings (DC): Non-Inductive	load Resistive load	Resistive load: 0.1 A at 8 VDC/0.1 A at 14 VDC/0.1 A at 30 VDC	
Cable specifications	Diameter: 4 d Location of le Conductor cro	Fluoro-insulated oil-resistance cable, 3 cores, 2 m Diameter: 4 dia. Location of lead output: Right-hand Conductor cross section: 0.2 mm <sup>2</sup> (AWG25) Insulator diameter: 1.2 dia.	
Ambient temperature		erating: 5 to 70 $^{\circ}$ C (with no freezing or condensation) rage: 5 to 70 $^{\circ}$ C (with no freezing or condensation)	
Ambient humidity	35 to 95 % (w	vith no condensation)	
	I 0.1 mm	n/s to 0.5 m/s	
Permissible operating speed	Electric	n/s to 0.5 m/s cal: 30 operations / 1 minute max. nical: 120 operations / 1 minute max.	
Permissible operating speed	ency Electric Mecha	cal: 30 operations / 1 minute max.	
Permissible operating speed	ency Electric Mecha Ilue) 50 mΩ	cal: 30 operations / 1 minute max. nical: 120 operations / 1 minute max.	

min

1 min

Between each terminal and non-live-metallic part: 1,500 VAC 50/60 Hz

Between each terminal and non-live-metallic part: 2.5 kV

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 <sup>2</sup> max. Malfunction: 300 m/s <sup>2</sup> 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 41.3±0.8 mm

As of August 8, 2024



