

## N01R593-M (Order no. 110853)

Precision single limit switch N01, roller plunger, for temperature up to 140°C

- ▶ For high temperature up to +140°C
- ▶ Plunger material stainless steel



## Technical data

### Approvals



### Electrical connection values

Fuse	max. 3 A gG	
Connection cross section	0.14 ... 1 mm <sup>2</sup> (Soldered connection)	
Rated insulation voltage U <sub>i</sub>	250 V	
Rated impulse voltage U <sub>imp</sub>	2.5 kV	
Utilization category	DC-13	1 A 24 V
	AC-15	3 A 230 V
Switching current	min. at DC 24V	10 mA
thermal rated current I <sub>th</sub>	3 A	

### Mechanical values and environment

Anfahrgeschwindigkeit	0.01 ... 50 m/min	
Connection type	1 x	M12 x 1.5
Number of door position NC contacts	1 Changeover contact	
Number of door position NO contacts	1 (Changeover contact)	
Actuating element	Slide bearing metal	Roller plunger (d roller = 5 mm)
Actuating force	15 ... 20 N	
Installation orientation	any	
Storage temperature	-25 ... 125 °C	

Mechanical life	1 x 10 <sup>6</sup> (Tested at: 80 °C: 1 x 10 <sup>6</sup> 125 °C: 1 x 10 <sup>6</sup> (lubrication every 200,000 operating cycles))
Switching principle	Changeover contact with snap-action function
Degree of protection	IP67
Ambient temperature	-5 ... 125 °C
Material	
	Contact Silver alloy, gold flashed
	Housing Anodized die-cast alloy

### Characteristic values according to EN ISO 13849-1 and EN IEC 62061

B <sub>10D</sub>	20 x 10 <sup>6</sup>
------------------	----------------------

### Miscellaneous

Additional feature	Ambient temp. Manufacturer's specification for switching element: (Europe) max. 140 °C / UL max. 130 °C
--------------------	---