

# 83581 Plunger with axial roller Part number 835811



- Compact dimensions
- Contact element : IP67

## Part numbers

		Type	Features	Function
	83 581 1	Plunger with axial roller	Standard	I (Changeover)

#### Specifications

Conformity to standards	NFC 20030 class II
Degree of protection IEC 60529	Outer casing: IP57
	Contact element : IP67

## **Electrical characteristics**

	Standard: 8 A - 250 VAC
	Bi-niveau : 0,1 A - 250 VAC
	8 A - 250 VAC : 40000
	5 A - 250 VAC : 100000
	This version is designed to operate both on dual-current (1 mA 4 V minimum) and medium-current (5A) circuits. However, a given
	product should only be used to switch one type of circuit during its working life.

## Connections

Connection	Flexible leads: PVC 3x1 mm <sup>2</sup> - Length 0.50 m - ext. Ø 2 mm (on the right or left)
	Cable : 3x0.75 mm <sup>2</sup> - Length 0.50 m - ext. Ø 5 mm (on left only)

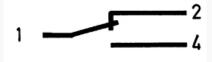
## **Mechanical characteristics**

Minimum operating force (N)	5
Minimum total travel force (N)	20
Differential travel (mm)	1
Minimum operating travel mm	2.5
Maximum total travel (mm)	5
Mechanical life (operations)	10 <sup>5</sup>
Operating temperature (°C)	-20 →+85
Weight (g)	45

# Connections

Connections		
Wire output on right	D	
Wire output on left	G	
Cable output	C	

#### **Principles**



#### Function

Single break two-way contact element (form  ${\bf C}$  : changeover)

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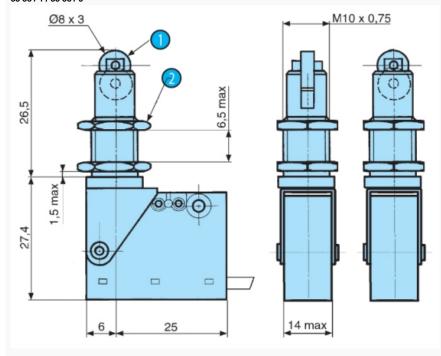
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0	Black (common)
0	Brown (NC)
0	Blue (NO)

## Dimensions (mm)

## Product

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Nº	Legend
1	Roller is straight (standard) or at 90°
<b>©</b>	Nut 14 across flats Thickness 2



- Length of cable/connectorApprovals