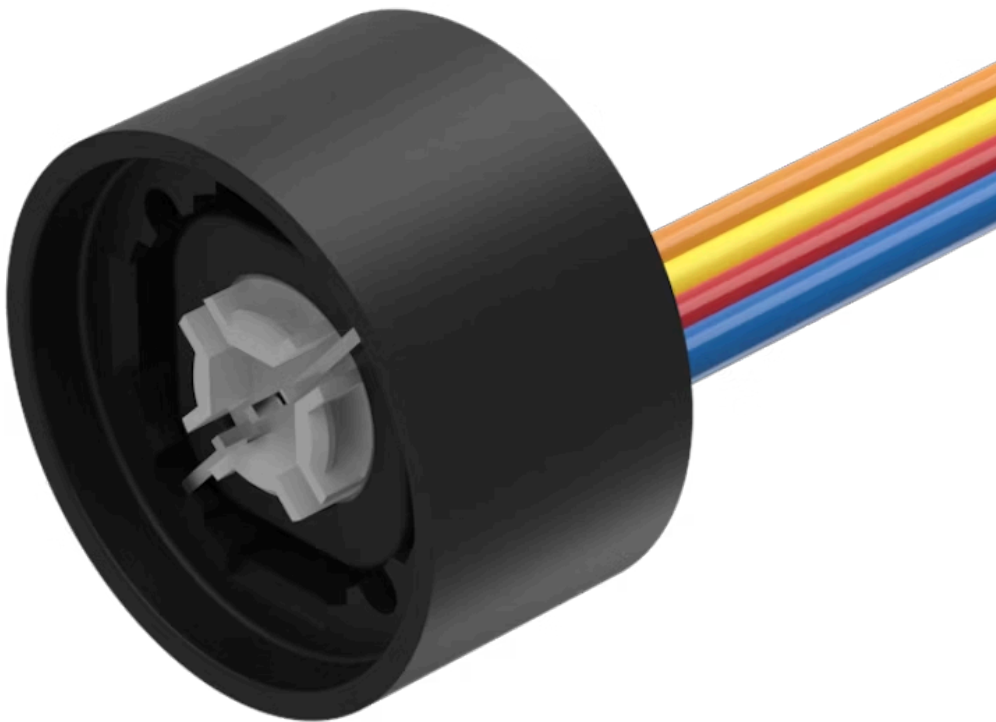


Switching element

84-8510.0040



<https://eao.com/p/84-8510.0040>

Your product:



84-8510.0040

Switching element

ELECTRICAL CHARACTERISTICS

Contacts:	1 NO						
Switching voltage and switching current:	<table><tr><td>Voltage</td><td>42 VAC/DC</td></tr><tr><td>Current</td><td>100 mA</td></tr><tr><td>Power</td><td>max. 2 W</td></tr></table>	Voltage	42 VAC/DC	Current	100 mA	Power	max. 2 W
Voltage	42 VAC/DC						
Current	100 mA						
Power	max. 2 W						
Switching rating:	42 V AC/DC @ 0,1 A						
Electric strength:	500 VAC, 50 Hz, 1 minute according to DIN IEC 60512-2						

MECHANICAL CHARACTERISTIC

Terminal:	Flat ribbon cable
Contact material:	Gold-plated silver
Switching system:	Short-travel element
Switching system:	Short-travel snap-action switching system with two independent contact points and tactile operation Guarantees reliable switching even of very light loads. Fitted with 1 normally open contact
Mechanical lifetime:	≥1 Mio. cycles of operation
Operating force:	4.5 N ±1 N (measured at the lens)
Operating Travel:	ca. 0.5 mm
Weight:	0.01 kg

AMBIENT CONDITION

IP Protection:	IP40 rear side, standard version, IP67 rear side, fully sealed version, with mounted actuator only.
Operating temperature:	– 25 °C ... + 70 °C
Storage temperature:	– 40 °C ... + 85 °C
Shock resistance:	Max. 100 m / s ² , pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)

Vibration resistance:

Max. 50 m / s² from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)

CERTIFICATE**REACH:**

REACH compliant

RoHS:

RoHS compliant

OTHER**Short Description:**

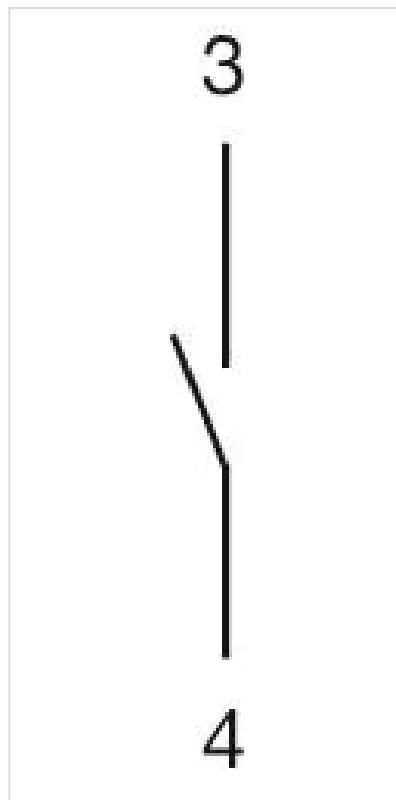
Switching element, Short-travel element, 42 V AC/DC @ 0,1 A, Gold-plated silver, 1 NO, Flat ribbon cable

Material:











Plastic

Hints:

Standard version: Cable length 300 mm, Other options on request: Customisation of cable and connectors, rear side fully sealed (IP 67), Protection degree (rear side): IP 40, upgrade to IP 67 with plug Part No. 84-900 possible. With applications where strong vibrations occur, the plugs may become loose

Wiring diagrams:**Component layouts:**

Where to Buy

Distributor		Quantity in Stock		
	Sager	89 in stock	Buy	
	Mouser Electronics	28 in stock	Buy	
	RS UK	19 in stock	Buy	
	element14 Singapore	18 in stock	Buy	
	Farnell UK	18 in stock	Buy	

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