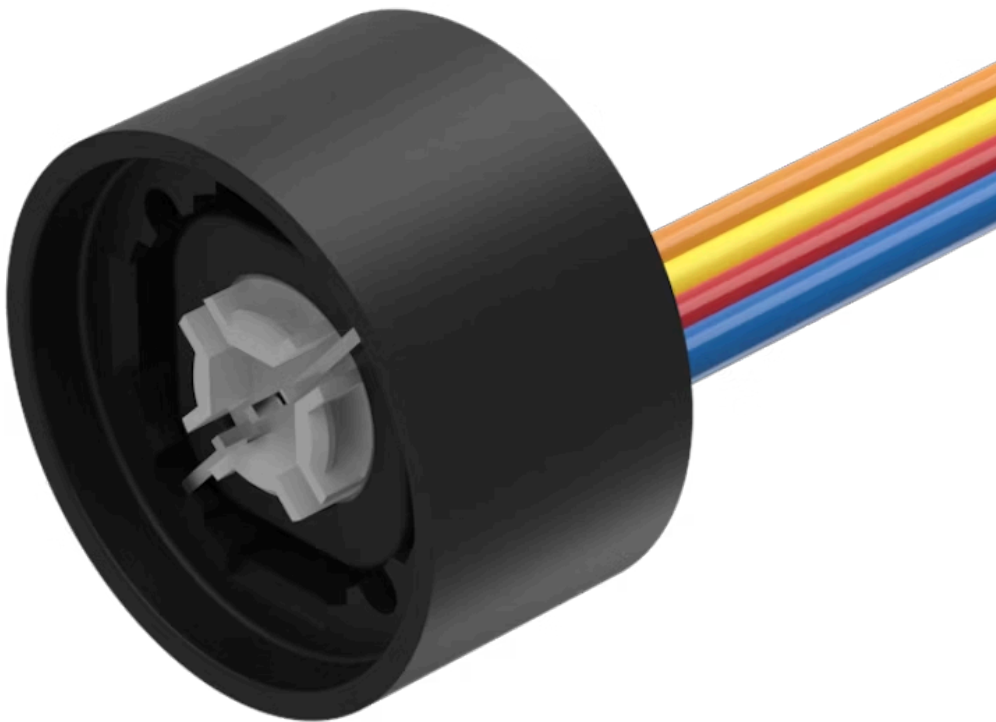


Switching element

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:	Voltage	42 VAC/DC
	Current	100 mA
	Power	max. 2 W
Electric strength:	500 VAC, 50 Hz, 1 minute according to DIN IEC 60512-2	

MECHANICAL CHARACTERISTIC

Terminal:	Flat ribbon cable
Operating Travel:	ca. 0.5 mm
Weight:	0.01 kg
Contact material:	Gold-plated silver
Switching system:	Short-travel element
Mechanical lifetime:	≥1 Mio. cycles of operation
Operating force:	4.0 N ±0.2 N
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

AMBIENT CONDITION

Vibration resistance:	Max. 50 m / s ² from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)
IP Protection:	IP40 rear side, standard version, IP67 rear side, fully sealed version, with mounted actuator only.
Shock resistance:	Max. 100 m / s ² , pulse width, 3-axis (sinusoidal EN IEC 60068-2-27)
Storage temperature:	- 40 °C ... + 85 °C

Operating temperature: – 25 °C ... + 70 °C

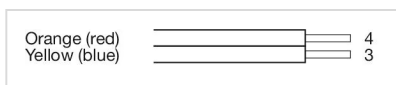
OTHER

Material: Plastic

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

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

Component layouts:



Wiring diagrams:

