

Your Expert Partner for Human Machine Interfaces

Switching element

84-8511.9620





https://eao.com/p/84-8511.9620

Your product:



84-8511.9620 Switching element

OPERATING-/INDICATION PART	

Illumination colour:	White		
ELECTRICAL CHARACTERISTICS			
Contacts:	1 NO		
Operating voltage:	24 V DC ±10 %		
Operation current:	10 mA		
Switching voltage and switching current:	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 CHARATERISTIC

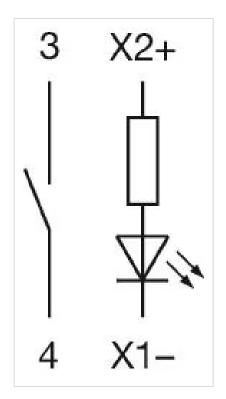
Terminal:	Plug-in terminal, 2.8 x 0.8 mm		
Contact material:	Gold-plated silver		
Switching system:	Short-travel element		
Switching system:	Short-travel snap-action switching system with two independent contact points and tactile operation Guarantees reliable switching even of very light loads. Fitted with 1 normally open contact		
Mechanical lifetime:	≥1 Mio. cycles of operation		
Operating force:	4.5 N \pm 1 N (measured at the lens)		
Operating Travel:	ca. 0.5 mm		
Weight:	0.006 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, Plug-in terminal, 2.8 x 0.8 mm		
Material:	Plastic		
Hints:	LED and built-in resistor included,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 occure, the plugs may become loose,Luminosity and wave length variations caused by LED manufacturing processes may cause slight differences regarding the illumination. The customer has to decide what resistor shall be used to the LED		
Wiring diagrams:			



Where to Buy

	Distributor	Quantity in Stock	
DigiKey	DigiKey	463 in stock	Buy 🛱
RS	RS UK	342 in stock	Buy 岸
MOUSER ELECTRONICS	Mouser Electronics	52 in stock	Buy 岸
Newark	Newark	45 in stock	Buy 🛱
T M e Excitorite Components	TME	25 in stock	Buy 岸

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