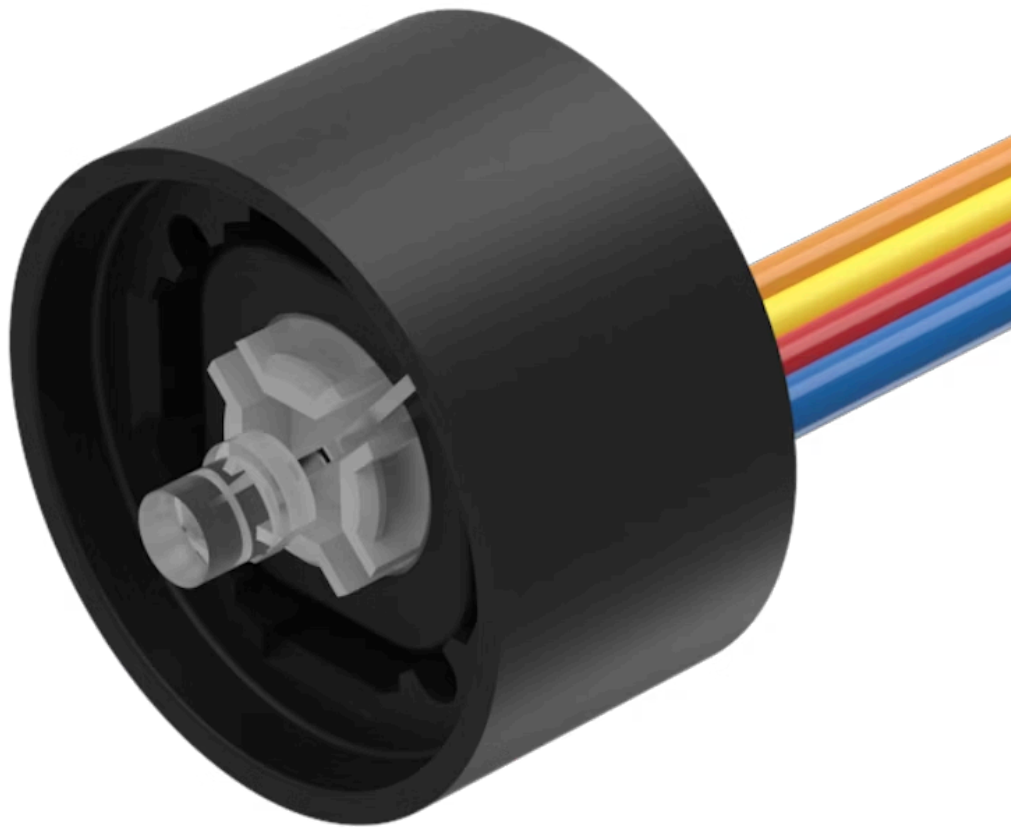


Switching element

84-8515.8640



<https://eao.com/p/84-8515.8640>

Your product:



84-8515.8640 Switching element

OPERATING-/INDICATION PART

Illumination colour: Red / Green

ELECTRICAL CHARACTERISTICS

Operating voltage: 24 V DC $\pm 10\%$

Operation current: 10 mA

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: 0.015 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

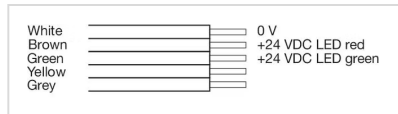
AMBIENT CONDITION

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)
Operating temperature:	- 25 °C ... + 70 °C
Vibration resistance:	Max. 50 m / s ² from 10 Hz ... 500 Hz, 10 cycles, 3-axis (sinusoidal EN IEC 60068-2-6)
Storage temperature:	- 40 °C ... + 85 °C

OTHER

Kind of illumination:	Bi-colour-LED
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:	LED and built-in resistor included, Cable connection IP 67, rear side fully sealed. The illumination element of the cable version cannot be disconnected from the actuator any longer, Best illumination level will be reached with aluminium lens with spot, Part No. 84-7215.x00 and 84-7211.x00, Standard version: Cable length 300 mm, Other options on request: Customisation of cable and connectors, rear side fully sealed (IP 67), 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

Component layouts:



Wiring diagrams:

