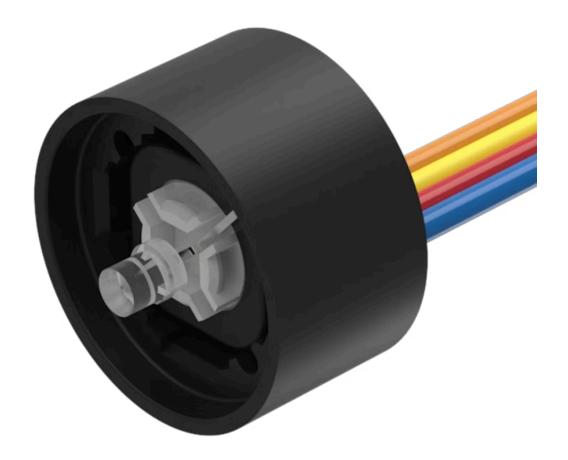


# Switching element

84-8515.7640







# 84-8515.7640 Switching element

#### **OPERATING-/INDICATION PART**

Illumination colour: Yellow / Green

# **ELECTRICAL CHARACTERISTICS**

Switching voltage and switching Voltage current:

Current 100 mA Power max. 2 W

42 VAC/DC

Contacts: 1 NO

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

Operation current: 10 mA

Switching rating: 42 V AC/DC @ 0,1 A

**Electric strength:** 500 VAC, 50 Hz, 1 minute according to DIN IEC 60512-2

#### **MECHANICAL CHARACTERISTICS**

**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 Mil. cycles of operation

**Operating force:** 4.5 N  $\pm$ 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:**  $-25 \, ^{\circ}\text{C} \, ... + 70 \, ^{\circ}\text{C}$ 

Storage temperature:  $-40 \, ^{\circ}\text{C} \dots + 85 \, ^{\circ}\text{C}$ 

**Shock resistance:** Max. 100 m / s², 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

Kind of illlumination: Bi-colour-LED

Material: Plastic

**Hints:** LED and built-in resistor included

Cabel 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

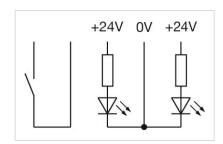
Other options on request: Customisation of cable and connectors, rear side fully

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

Wiring diagrams:



**Component layouts:** 

