

EMERSON 191736-01

ROTARY ENCODER

5 VDC

FLANGE MOUNT

10 PIN

SCS-2/SDC50-2-7

Operation

At both end-of-travel positions (open and closed) of the valve stem, cams on the signaling box plunger operate contacts which provide an electrical signal indicating that the end position is reached.

General

Ambient temperature range

Mechanical contacts: -20° C to +80° C (-4° F to 176° F)

Inductive contacts (PNP/NPN): -20° C to +70° C (-4° F to 158° F)

Degree of protection: IP66 (EN 60529)

Vibration Max. 1 g (EN 60068-2-6)

Construction

Body: Glass fiber filled PA

Cover: PA (transparent) or aluminium

Valve adaptor: Brass or stainless steel

Stem and cams: Stainless steel and PEEK

Guiding and bearing : POM

Seals: NBR

Interface gasket: NBR

Cable gland: PA + NBR

Electrical connection 1 terminal block with 4 positions

Grip, cross section stranded wire:

Minimum 0.14 mm² (25 AWG)

Maximum 2.5 mm² (14 AWG)

Wire strip length 5 mm (0.2 in)

Cable entry Cable gland M16x1.5

Cable 4 to 8 mm dia. / 0.16 to 0.31 in

Certifications and Approvals

- RoHS compliance
- Reach compliant
- SIL2 Capable - IEC 61508:2010

You can contact us through the following contact information

www.sparetechplc.com +86 180 3000 5825 sales@sparetechplc.com

Electrical characteristics

Contact type: Voltage rating

Mechanical contacts : 24 V AC/DC

Inductive contacts (PNP/NPN): 10 to 30 V DC

Contact type: Wattage rating max.

Inductive contacts (PNP/NPN): - 0.95 W

Contact type: Breaking capacity

Mechanical contacts : 0.5 A / max. 1 A

Inductive contacts (PNP/NPN): 100 mA



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