

Magnetically controlled Limit Switch

Bistable magnetic switch
Reed contact

Product group **740**

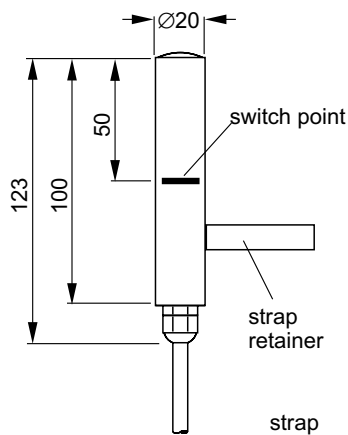
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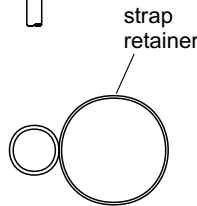
Revision: 3

Date:

04/16



strap retainer
for pipe- \varnothing
42 - 60 mm



measures in mm

Field of Application

This switch is for signalling level limits with magnetic level gauges type 710.098 and 710.104.

The switch element Reed has a very low mass and so can sustain very high shock and vibration stress.

By using only passive elements (Reed contact, resistors) the switch can operate in hazardous area zone 2 and as part of an intrinsic safe circuit also in zone 1.

General Data

Hysteresis ca. [mm]: 6 mm
Fitting position: cable gland downwards
Manner of fastening: with integrated strap retainer
Ingress protection: IP67
Material housing: SS
Measures/weight: 123x20/0,31 kg

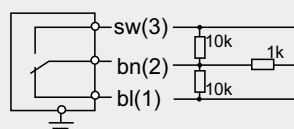
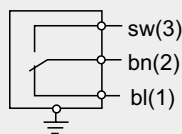
Design Data

Temperature housing: -40 ... +120 °C
Contact: Reed
Function: SPDT
Switch type: bistable
Switch cycles: >10⁶
Shock: 15 g
Vibration: 10 g

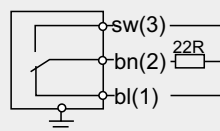
Electrical Data

Switch voltage: 230 V ~ / 230 V =
Switch current: 1 A ~ / 0,5 A =
max. power limit: 30 VA / 30 W
Connection: 1,5 m silicon cable, 4 x 0,75 mm²

Connection diagram

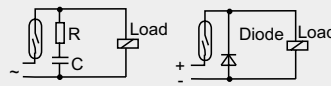


External resistors for operation in circuit acc. to DIN 19234



External resistor for operation with SPS

protective circuits for Reed switches



AC circuit

DC circuit

subject to alterations

Ordering no.

7 4 0 . 0 0 6 6

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