

Magnetically controlled Limit Switch

Morse magnetic switch
Reed contact

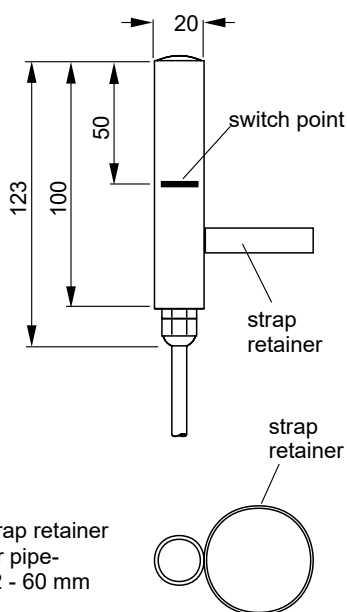
Product group **740**

Type **0066**

Sheet: 1/1

Revision: 5

Date: 04/22



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.

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

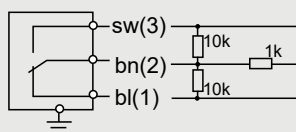
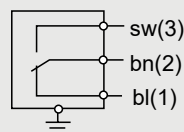
Design Data

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

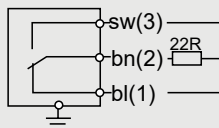
Electrical Data

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

subject to alterations

Ordering no.

7 4 0 . 0 0 6 6

Phönix Control Kft.

Bolyki Tamás street 44.

Ozd, 3600, Hungary

Tel.: +36-48-572-310

+36-48-572-567

Fax.: +36-48-471-642

E-mail: info@phoenix-brv.hu

web: www.phoenixcontrol.hu