

Magnetically controlled Limit Switch

Bistable magnetic switch
Reed contact
Switch direction reversible

Product group **740**

Type **0065**

Sheet: 1/1

Revision: 6

Date:

01/05



Picture:
Type 740.0065
IP 67

Field of Application

This switch is for signalling level limits with magnetic level gauges.
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]:

Gauge Type	on basic pipe	on heating jacket
710.104/2XX	6	15
710.100	10	20
710.110...160	15	25

Fitting position: cable gland downwards
Manner of fastening: with strap retainers
Ingress protection: IP67
Material housing: Alu
Measures/weight: Alu: 75x80x57/0,3 kg

Design Data

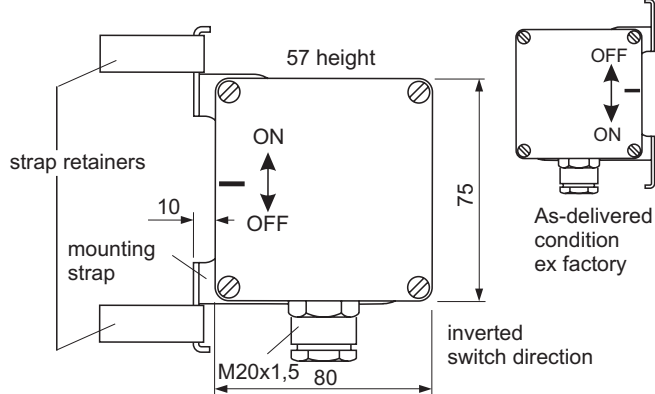
housing	max. temperature of pipe	temperature of housing
Alu	500 °C *) at amb. temp. 70 °C	-40 ... 120 °C

*) Insulate between housing and pipe above 260 °C in pipe

Switch cycles: > 10⁶
Shock: 15 g
Vibration: 10 g

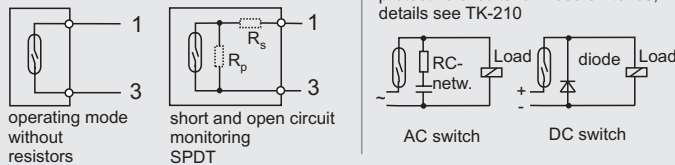
Electrical Data

Switch voltage: 200 V =/230 V~
Switch current: 0,5 A
max. power limit: 5 W
Connection: screw terminals, M20x1,5



measures in mm

Connection diagram



subject to alterations

Ordering no.

7 4 0 . 0 0 6 5 X X

A	without	Resistor circuit
N A	with Namur circuit	
W A	with short/open circuit monitoring	

Fixing elements

Strap retainers for 710.104/2XX	171538
Strap retainers for 710.100/103	171546
Strap retainers for 710.110/120/106/130/100.3	171553

PHÖNiX

Messtechnik GmbH
Salzschlirfer Straße 13
D-60386 Frankfurt/M.
Tel. +49/69/41 67 42 -20
Fax +49/69/41 67 42 - 29
sales@phoenix-mt.com
www.phoenix-mt.com

