

## Magnetically Controlled Limit Switch

Monostable magnetic switch  
Reed contact  
Switch direction reversible

Product group **740**

Type **0065**

Sheet: 1/1

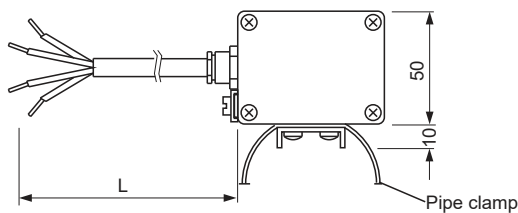
Revision: 9

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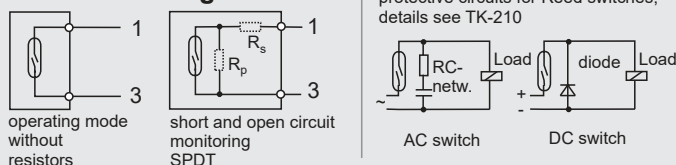


Picture:  
Type 740.0065NA  
IP 65



measures in mm

### Connection diagram



## 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: IP65  
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: > 10<sup>6</sup>  
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

subject to alterations

### Ordering no.

7 4 0 . 0 0 6 5 X X

	Resistor circuit
A	without
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

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