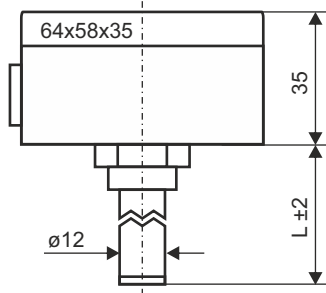


# Data sheet

## Bimetal temperature switch

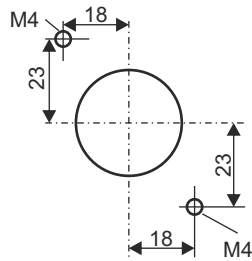
### Type: T...

#### Design 1



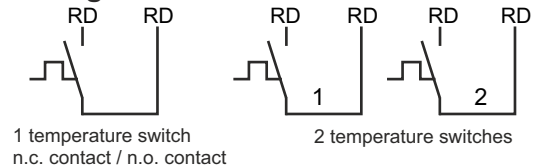
Dimensions in mm

#### Drilling pattern

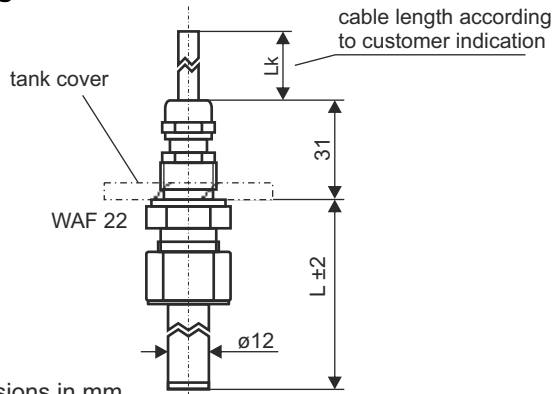


Connection: terminal connection in aluminium housing  
64x58x35mm WxDxH  
cable entry M16x1.5 screwed cable gland  
Mounting: via housing floor - see drilling pattern  
Gasket: material NBR  
Pressure: max. 1 bar

#### Terminal diagram



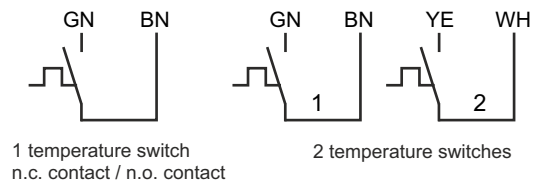
#### Design 2



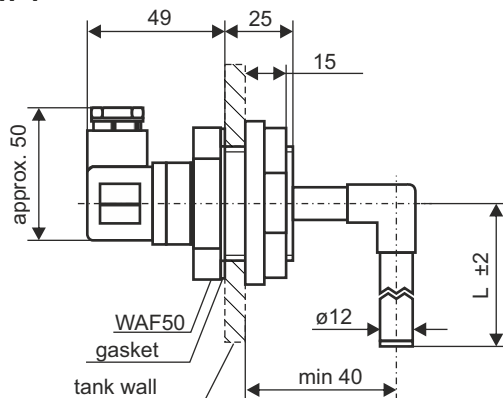
Dimensions in mm

Connection: oil-resistant cable, length LK in mm,  
mit cable grip  
Mounting: G 3/8" thread, material brass  
or stainless steel  
Pressure: max. 1 bar

#### Terminal diagram



#### Design 4

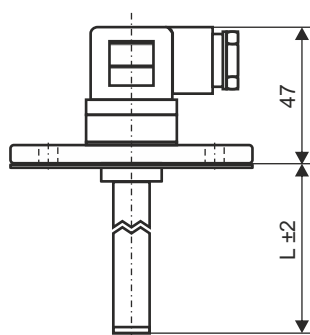


Dimensions in mm

Connection: right-angled socket 3-pole + PE  
DIN EN 175301-803 (DIN 43650),  
material PA  
Mounting: G 1 1/4" thread, material PVC  
Gasket: material EPDM  
Pressure: atmospheric

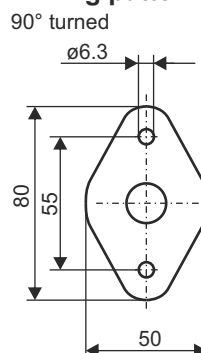
Terminal diagram: see page 2

#### Design 5



Dimensions in mm

#### Drilling pattern



Connection: right-angled socket 3-pole + PE  
DIN EN 175301-803 (DIN 43650),  
material PA  
Mounting: oval-flange 80x50mm, material PA,  
see drilling pattern  
Gasket: material NBR  
Pressure: atmospheric

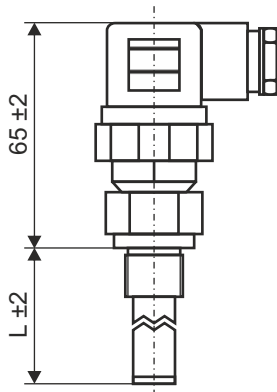
Terminal diagram: see page 2

# Data sheet

## Bimetal temperature switch

### Type: T...

#### Design 7 and 10



Dimensions in mm

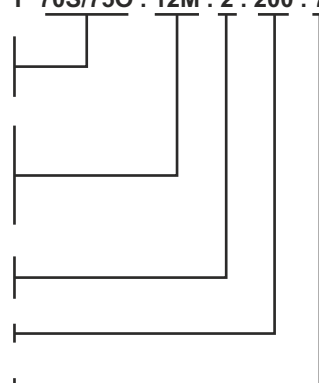
#### Design 7

Connection: right-angled socket 3-pole + PE  
 DIN EN 175301-803 (DIN 43650), material PA ,  
 G1/2" thread, material alu or stainless steel  
 Mounting: material NBR  
 Gasket: max. 1 bar  
 Pressure: SW27  
 Key-wide:

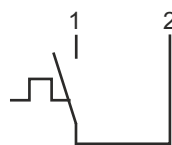
#### Design 10

Connection: right-angled socket 3-pole + PE  
 DIN EN 175301-803 (DIN 43650), material PA  
 G3/8" thread, material brass or stainless steel  
 Mounting: max. 1 bar  
 Pressure: SW24  
 Key-wide: Terminal diagram: see below  
 Note materials: conduit brass - thread aluminum  
 conduit stainless steel - thread stainless steel

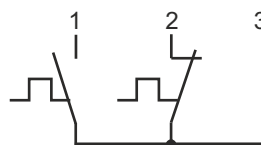
#### Order key

	Example:	<b>T 70S/75O . 12M . 2 . 200 . 7</b>
Temperature range	T	
S = n.o. contact		
O = n.c. contact		
Tube diameter	08 = 8mm 10 = 10mm 12 = 12mm	
Tube material	M - brass E - stainless steel	
Number of switching contacts - max. 1 (to ø10 & ø12, 2 switching points possible)		
tube length		
Design		

#### Terminal diagram for design 4, 5, 7 and 10



1 temperature switch  
 n.c. contact / n.o. contact



2 temperature switch  
 Pin 1 = switch with lower temp.  
 Pin 2 = switch with higher temp.

#### Technical data for ALL design

Tube:	ø8, ø10, ø12, material brass or stainless steel, length according to customers specification
Temperature switch:	bimetal
Temperature switching values T:	normally closed contact: T 40°C in steps with 5°C untile 145°C normally opened contact: T 40°C in steps with 5°C untile 145°C, further temp. values on request
Number of switching point:	with ø8 tube, one switching point possible. with ø10 and ø12 tube two switching points possible
Switching point precision:	±5°C, smaller tolerances on request
Reset temperature:	temperature switching point -8°C to - 30°C ±15°C
Switching voltage:	max. 230VAC / 50-60Hz
Switching current:	max. 24VDC, 5A; 230VAC, 6A
Operating temperature:	-20°C to temperature switching value T +5°C, -20°C to 70°C above mounting
Protection rating:	IP 65