

# Type TF 23

# modular @temp

Temperature sensor pluggable and clampable

### Basic features

- ▶ with several clamp connections 6 mm Adaptable
- ▶ optional: with free programmable measuring transducer 4...20 mA
- ▶ high chemical stability
- ▶ wetting parts made of high-grade steel 1.4571
- ▶ optional: calibration certificate according to DIN ISO 9000 ff (see data sheet calibr.-service)

### Technical features

- ▶ 1x Pt100, class A in 2-wire-circuit
- ▶ sensor length 50 bis 400 mm
- ▶ sensor Ø 6 mm
- ▶ housing made of Polyamid PA 6 with screw connection PG 11
- ▶ dimensions of housing: 58 x 64 x 35 mm
- ▶ standard-functinal-range: -50°C bis 130°C
- ▶ protection class IP 65
- ▶ operating pressure (execution-dependently)

### Favoured fields of application are e.g.:

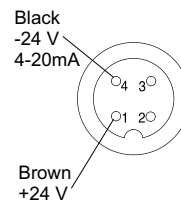
- ▶ ambient temperature measuring
- ▶ temperature measuring in fields of Refridgeration and air conditioning



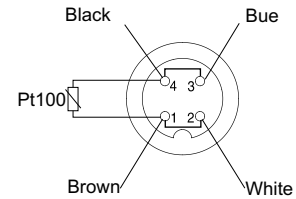
example: TF23-A-1A-MUK

### Pin assignment M12-plug

With measuring transducer MU



Without measuring transducer MU



### Examples clamp boltings



VAPE 25/6

VATE 1/46

VATE 1/29

See data sheet process connections  
**modular @ process**

### Order Code

TF 23 - [ ] - [ ] - [ ] [ ] - [ ]

#### Fitting length

50 mm	A
100 mm	B
150 mm	C
200 mm	D
250 mm	E
300 mm	F
400 mm	G
K - Customers preference (Please specify the length)	K

#### Tapered probe tip

tapered probe tip Ø 3 mm	3V
tapered probe tip Ø 4 mm	4V

#### Type of sensor and tolerance

1xPt100, class A	1	A
2xPt100, class A	2	A
Customers preference		K

#### Output signal

Additional name for integrated sensor-head transducer **MUK**

#### Specification of the temperature range

The red marked items are preferred types!