MEYLE®

## resistance thermometer YVT 617

### features

- modular resistance thermometer for food industry
- adaptable with sleev socket and process connections (see accessories)
- process connectiion thread G1/2"
- short reaction time without reduced measuring point
- temperature resistance PT100 directly constructed in protective fitting
- electrical connection with M12-plug (connections see accessories)
- optional with programmable measuring transducer
  (same programm kit like at KMU100), output 4-20mA 2-wire
- specials on request

### technical specifications

- protective fitting made of stainless steel V4A 1.4404 (316L)
  resp. V4A 1.4571
- temperature range: -50 °C to +150 °C
  (extended ranges on request)
- power supply at option measuring transducer 10...35VDC
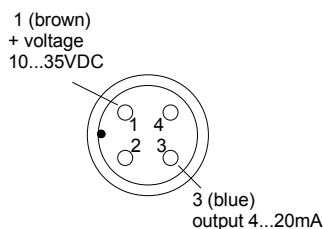- tightening with max. 10-15 Nm

YVT617-9-...-1A-PMU

**top:** optional measuring transducer can be parametrized and adjusted by the customer (same programmable kit like at measuring transducer KMU 100)
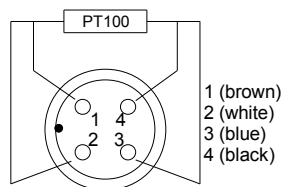
### application areas

- temperature measurement in pipelines
- temperature measurement in cases
- temperature measurement in rough environments
- temperature measurement at fast process demand
- all food tangent applications
- compact construction, for cramped slots
- demands, where fast change without installation is requested
- low-cost measuring point

### pin assignment

1 (brown)
+ voltage
10...35VDC

3 (blue)
output 4...20mA

M12 plug with PMU

PT100

1 (brown)
2 (white)
3 (blue)
4 (black)

M12 plug (only PT100)

## order-code YVT 617...          order example: YVT617-9-XS-1A-PMU (0-100 °C)

### kind of connection

-9       compact construction, directly with M12 plug, protection class IP69K

### mounting type

-XR      spherical measuring point, thermal decoupled
-XS      tapered measuring point, thermal decoupled

### type of sensor and tolerance

-1A      1xPT100 classe A
-KX      other types of sensor and tolerance on customer`s request

### optional

-PMU     with programmable measuring transducer (temperature ranges on request on preadjustment please specify)

updated 01/2018