

THERMOMETERS

Glass Thermometers

Technical Data Sheet



Description

For domestic and industrial heating, gases and liquids not viscous, not aggressive and not crystallising.



TV-200/MIGNON

Straight glass thermometer

Part No.	Length (mm)	Variable scale range	Box / Master	Min. order
PZ185070	200	-20/-10+120 °C	20/20	10



TV-250/MEDIO

Straight glass thermometer

Part No.	Length (mm)	Variable scale range	Box / Master	Min. order
PZ205070	250	-20/-10+120 °C	20/20	10



TV-300/GRANDE

Straight glass thermometer

Part No.	Length (mm)	Variable scale range	Box / Master	Min. order
PZ225070	300	-20/-10+120 °C	20/20	10

Features

Materials	
Case	Glass tube with stem
Dial	White plastic
Temperature element:	Xylen-filled bulb

Technical features	
Temperature limits	Ambient: -20 ... +60 °C Medium: as per scale indication Storage: -20 ... +60 °C
Operating temperature	As per scale indication
Temperature effect	Not applicable
Accuracy class	cl. 2
Degree of protection	IP 43 for EN 60 529 / IEC 529
Individual weight	0.020 kg



C-200/MIGNON

Straight case with pocket for glass thermometer TV

Brass Part No.	Aluminium Part No.	Length (mm)	Box / Master	Min. order
PZ050000	PZ05000001	200	50/50	10



C-250/MEDIO

Straight case with pocket for glass thermometer TV

Brass Part No.	Aluminium Part No.	Length (mm)	Box / Master	Min. order
PZ060000	PZ06000001	250	50/50	10



C-300/GRANDE

Straight case with pocket for glass thermometer TV

Brass Part No.	Aluminium Part No.	Length (mm)	Box / Master	Min. order
PZ070000	PZ07000001	300	50/50	10

Features

Materials

Case + cap	Brass/Aluminium
Pocket	Brass 50 mm
Connection	Brass 25 mm flats

Technical features

Brass individual weight	0.120 kg
Aluminium individual weight	0.080 kg



TV-200/MIGNON

Bent glass thermometer

Part No.	Length (mm)	Variable scale range	Box / Master	Min. order
PZ265070	200	-20/-10+120 °C	20/20	10



TV-250/MEDIO

Bent glass thermometer

Part No.	Length (mm)	Variable scale range	Box / Master	Min. order
PZ275070	250	-20/-10+120 °C	20/20	10



TV-300/GRANDE

Bent glass thermometer

Part No.	Length (mm)	Variable scale range	Box / Master	Min. order
PZ285070	300	-20/-10+120 °C	20/20	10

Features

Materials	
Case	Glass tube with stem at 90° angle
Dial	White plastic
Temperature element:	Xylen-filled bulb

Technical features	
Temperature limits	Ambient: -20 ... +60 °C Medium: as per scale indication Storage: -20 ... +60 °C
Operating temperature	As per scale indication
Temperature effect	Not applicable
Accuracy class	cl. 2
Degree of protection	IP 43 for EN 60 529 / IEC 529
Individual weight	0.023 kg



CA-200/MIGNON

Bent case with pocket for glass thermometer TVA

Part No.	Length (mm)	Box / Master	Min. order
PZ080000	200	10/10	10



C-250/MEDIO

Bent case with pocket for glass thermometer TVA

Part No.	Length (mm)	Box / Master	Min. order
PZ090000	250	10/10	10

Features

Materials	
Case + cap	Brass
Pocket	Brass 50 mm
Connection	Brass 25 mm flats at 90° angle

Technical features	
Individual weight	0.220 kg



TID

Industrial thermometer Materials

Part No.	Variable scale range	Length immersion tube	Min. order
0307503	0-120 °C	63 mm	20
0307510	0-120 °C	100 mm	20
0307603	-30/50 °C	63 mm	20
0307610	-30/50 °C	100 mm	20

Features

Materials	
Body	Aluminium
Casing	Aluminium gold- coloured anodized Numerals of reading scale printed on the right side
Execution	Straight
Temperature element	Coloured fluid
Pocket	Brass 1/2"
Working Pressure	PN 16 max

Technical features	
Design	DIN 16185/16186
Accuracy class	cl. 1
Accuracy	About 1%



TIS

Industrial thermometer Materials

Part No.	Variable scale range	Length immersion tube	Min. order
0307703	0-120 °C	63 mm	20
0307710	0-120 °C	100 mm	20
0307803	-30/50 °C	63 mm	20
0307810	-30/50°C	100 mm	20

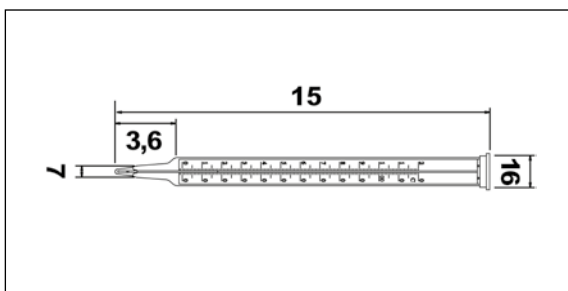
Features

Materials	
Body	Aluminium
Casing	Aluminium gold- coloured anodized Numerals of reading scale printed on the right side
Execution	Angle 90°C
Temperature element	Coloured fluid
Pocket	Brass 1/2"
Working Pressure	PN 16 max

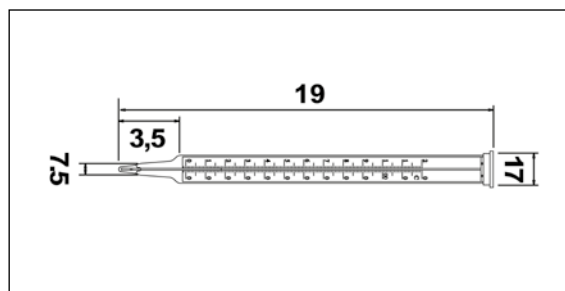
Technical features	
Design	DIN 16185/16186
Accuracy class	cl. 1
Accuracy	About 1%

Overall dimensions (mm)

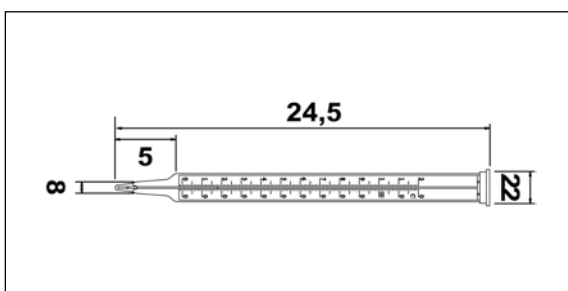
TV-200



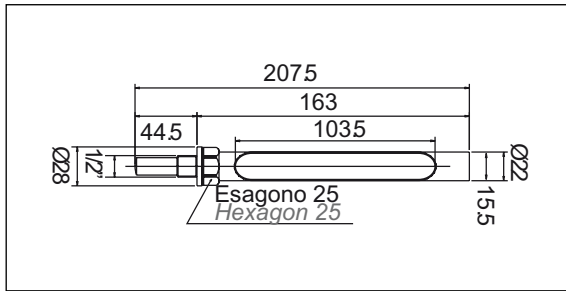
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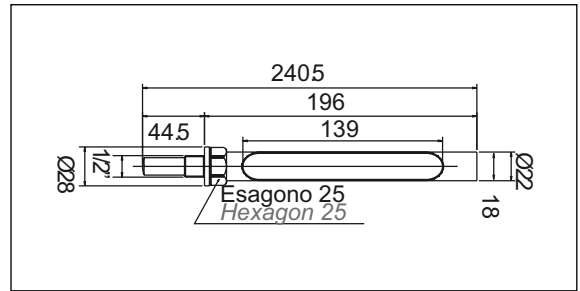
TV-300



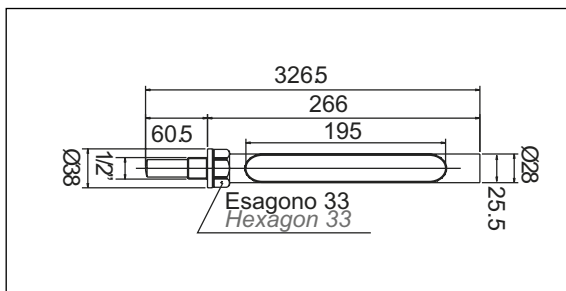
C-200



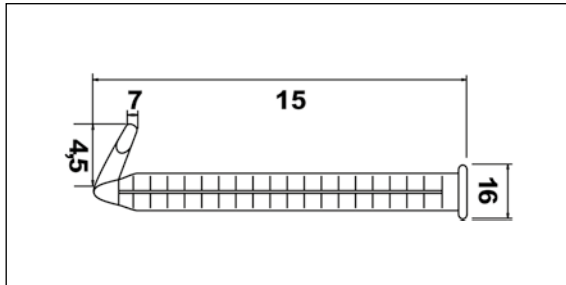
C-250



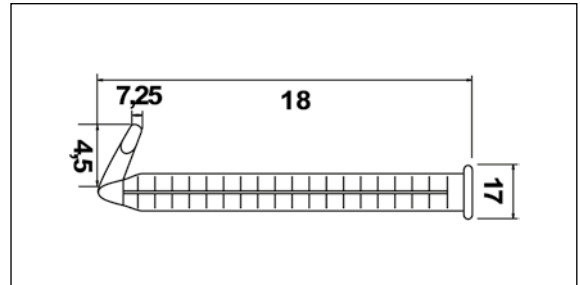
C-300



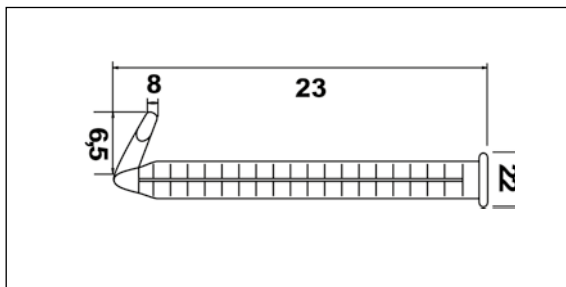
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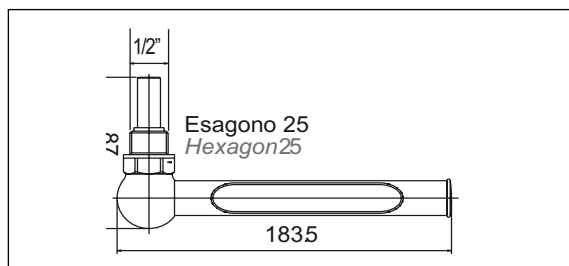
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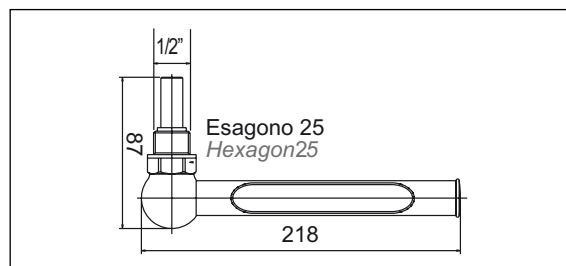
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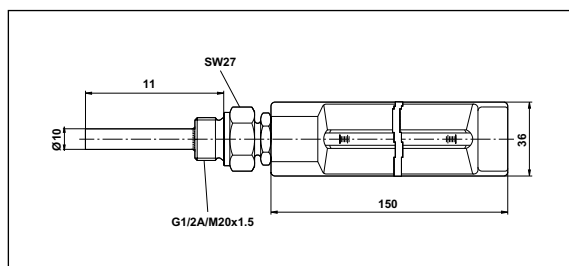
CA-200



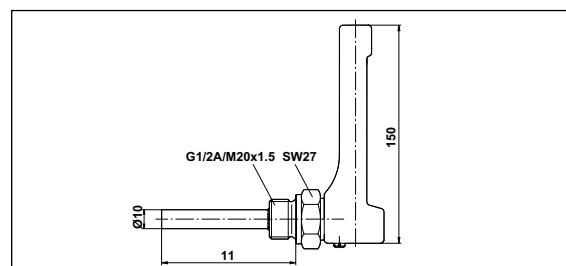
CA-250



TID



TIS



Specification text

TV-C

Glass thermometer **Series TV**, for domestic and industrial heating, gases and liquids not viscous, not aggressive and not crystallising. Glass tube case with stem and temperature element Xylen-filled bulb, **straight**. Measures range -20/-10+120 °C. Length 200-250-300 mm. Temperature limits as per scale indication. Accuracy class cl. 2.0. **Compliant with EN 60529 / IEC 529**. Straight case **Series C** Custodia dritta with brass pocket 50 mm for glass thermometer TV. Case + cap brass /aluminium. Brass connection 25 mm flats Length 200-250-300 mm

TVA-CA

Glass thermometer **Series TVA**, for domestic and industrial heating, gases and liquids not viscous, not aggressive and not crystallising. Glass tube case with stem and temperature element Xylen-filled bulb, **bent at 90°C angle**. Measures range -20/-10+120 °C. Length 200-250-300 mm. Temperature limits as per scale indication. Accuracy class cl. 2.0. **Compliant with EN 60529 / IEC 529**. Bent case **Series CA** with brass pocket 50 mm for glass thermometer TVA. Brass Case + Cap. Brass connection 25 mm flats at 90°C angle. Length 200-250 mm

TID

Industrial thermometer **Series TID**, for domestic and industrial heating not aggressive and not crystallising. Aluminium gold-coloured anodized casing. **Execution straight**. Measures range 0-120°C / -30+50°C. Accuracy class cl. 1.0.

Compliant with DIN 16185/16186

TIS

Industrial thermometer **Series TIS**, for domestic and industrial heating not aggressive and not crystallising. Aluminium gold-coloured anodized casing. **Execution angle 90°C**. Length 63-100 mm. Measures range 0-120°C / -30+50°C. Accuracy class cl. 1.0

Compliant with DIN 16185/16186

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