
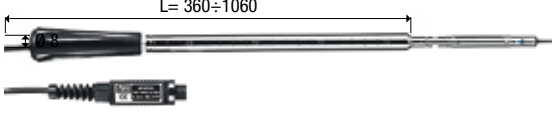
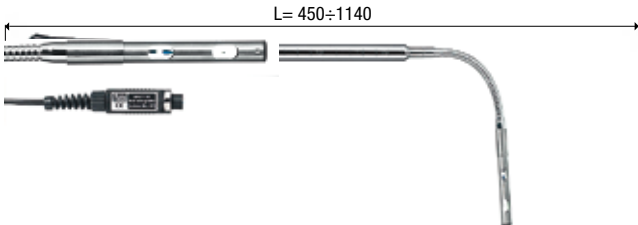
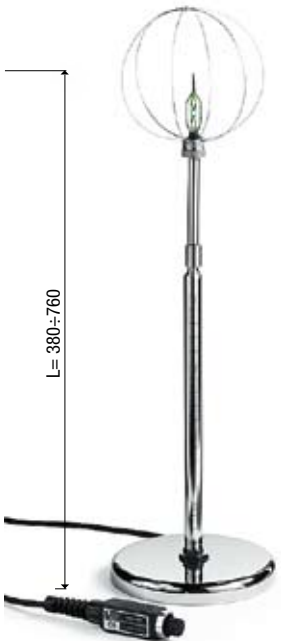












## AIR SPEED PROBES WITH SICRAM MODULE FOR PORTABLE INSTRUMENTS

| Code            | Range m/s  | Range Temp. °C |   |
|-----------------|--|----------------|---|
| <b>HOT-WIRE</b> |  |                |   |
| AP471S1         | 0.1÷40   | -25÷80         |                 |
| AP471S2         | 0.1÷5  |                |                 |
| AP471S3         | 0.1÷40   |                |                 |
| AP471S4         | 0.1÷5  | 0÷80           | <p>AP471S4</p>  |
| <b>VANE</b>     |  |                |   |
| AP472S1         | 0.6÷25   | -25÷80         |               |
| AP472S2         | 0.5÷20   |                |               |
| AP472S4L        | 0.8÷20   |                |               |
| AP472S4LT       |  |                |   |
| AP472S4H        | 10÷40  |                |                |
| AP472S4HT       |  |                |   |
| AST1            | Telescopic shaft min. length 220 mm<br>Telescopic shaft max. length 870 mm |                |               |

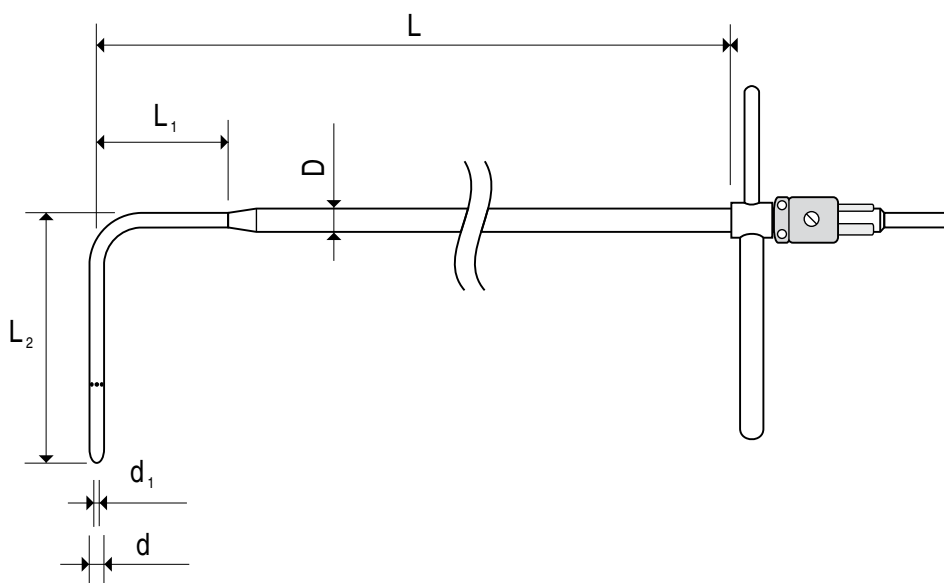
Air speed

## MODULES FOR PITOT TUBES

| Code    | Range Press. Diff. mbar   | Range Speed m/s |  |
|---------|---|-----------------|--|
| AP473S1 | 10 f.s.   | 2÷40            |  |
| AP473S2 | 20 f.s.   | 2÷55            |  |
| AP473S3 | 50 f.s.   | 2÷90            |  |
| AP473S4 | 100 f.s.  | 2÷130           |  |
| PW      | Connection cable between module AP473S... and Pitot tube provided with TC |                 |  |

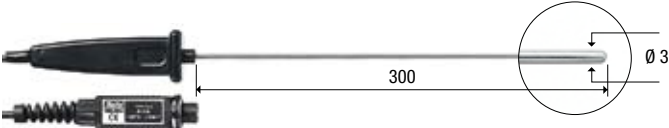
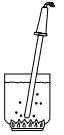
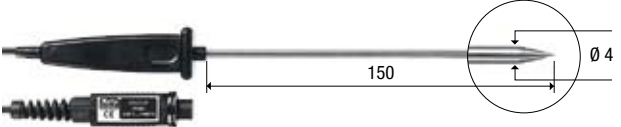
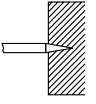
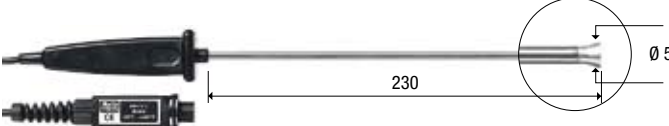
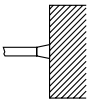
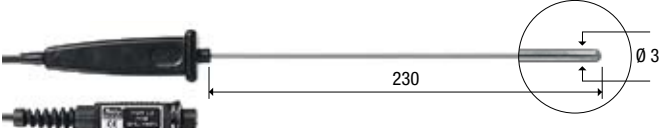
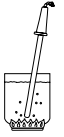
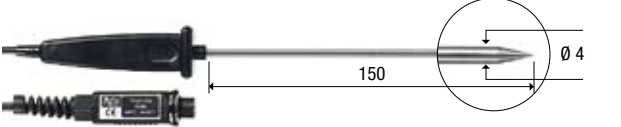
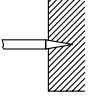
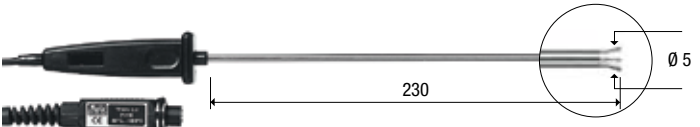
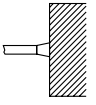
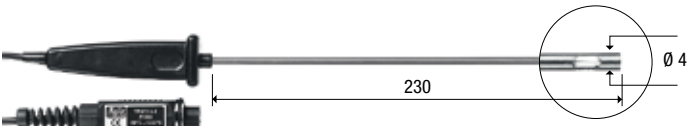
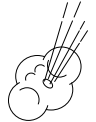
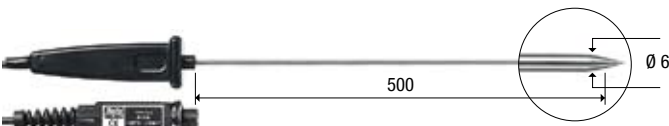

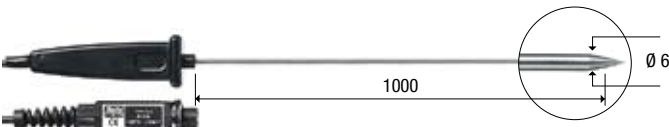
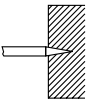
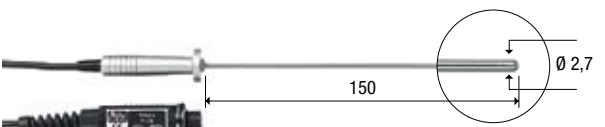
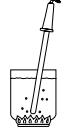
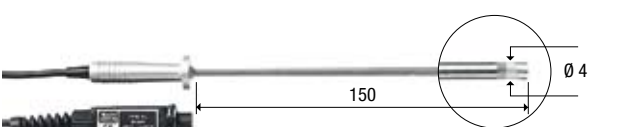
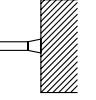
## PITOT TUBES

Stainless steel Pitot tubes to measure air speed and temperature for models provided with 'K' thermocouple. They can be connected to the SICRAM modules AP473S1, AP473S2, AP473S3 and AP473S4



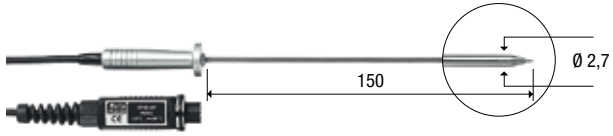
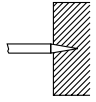
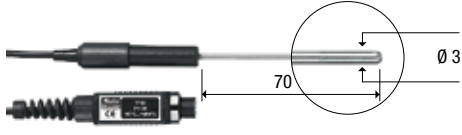
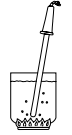
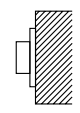
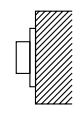

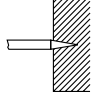


|           | d mm | d <sub>1</sub> mm | D mm | L mm | L <sub>1</sub> mm | L <sub>2</sub> mm | Temp. °C  | Thermocouple K | Material |
|-----------|------|-------------------|------|------|-------------------|-------------------|-----------|----------------|----------|
| T1-300    | 3    | 1                 | 6    | 300  | 30                | 72                | 0...600°C | ---            | AISI 316 |
| T2-400    | 5    | 2                 | 8    | 400  | 45                | 120               |           | ---            |          |
| T2-600    | 5    | 2                 | 8    | 600  | 45                | 120               |           | ---            |          |
| T3-500    | 8    | 3.2               | 8    | 500  | ---               | 192               |           | ---            |          |
| T3-800    | 8    | 3.2               | 8    | 800  | ---               | 192               |           | ---            |          |
| T3-800TC  | 8    | 3.2               | 8    | 800  | ---               | 192               |           | TC             |          |
| T4-500    | 10   | 4.0               | 10   | 500  | ---               | 240               |           | ---            |          |
| T4-800    | 10   | 4.0               | 10   | 800  | ---               | 240               |           | ---            |          |
| T4-800TC  | 10   | 4.0               | 10   | 800  | ---               | 240               |           | TC             |          |
| T4-1000   | 10   | 4.0               | 10   | 1000 | ---               | 240               |           | ---            |          |
| T4-1000TC | 10   | 4.0               | 10   | 1000 | ---               | 240               |           | TC             |          |

**PT100 PROBES WITH SICRAM MODULE FOR PORTABLE INSTRUMENTS**

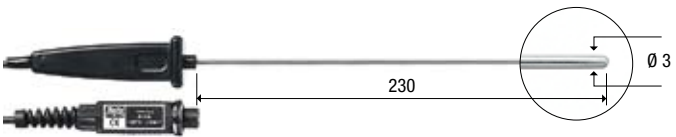
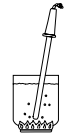

| CODE        | °C max    | $\tau$ s | DIMENSIONS   | USE   |
|-------------|-----------|----------|--|---|
| TP 472 I    | -196 +500 | 3s       |    |    |
| TP 473 P    | -50 +400  | 5s       |    |    |
| TP 474 C    | -50 +400  | 5s       |    |    |
| TP 472 I.O  | -50 +400  | 3s       |    |    |
| TP 473 P.O  | -50 +400  | 5s       |   |   |
| TP 474 C.O  | -50 +400  | 5s       |  |  |
| TP 475 A.O  | -50 +250  | 12s      |  |  |
| TP 472 I.5  | -50 +400  | 3s       |  |  |
| TP 472 I.10 | -50 +400  | 3s       |  |  |
| TP 49 A     | -70 +400  | 3,5s     |  |  |
| TP 49 AC    | -70 +400  | 5,5s     |  |  |

Air speed

## PT100 PROBES WITH SICRAM MODULE FOR PORTABLE INSTRUMENTS

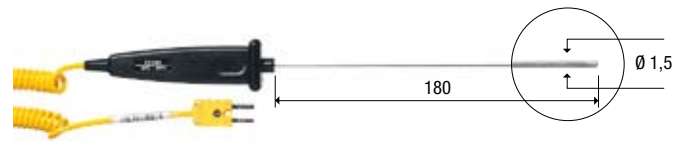
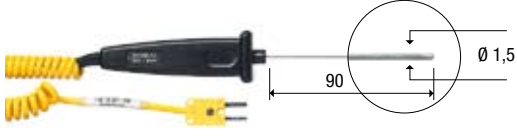
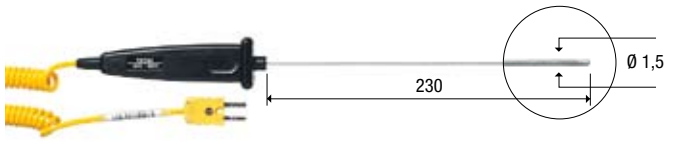

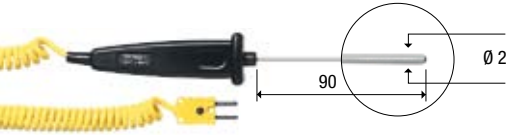
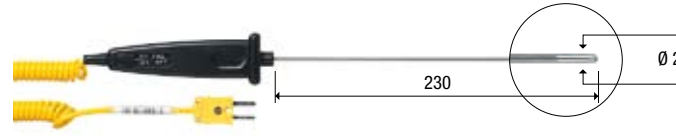
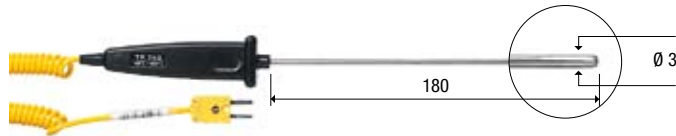
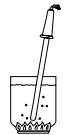
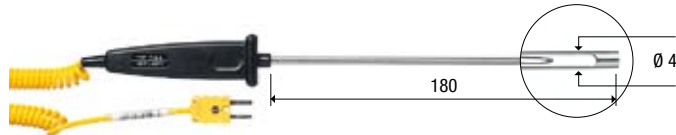
| COD.            | °C max   | $\tau$ s | DIMENSIONS   | USE  |   |
|-----------------|----------|----------|--|--|---|
| <b>TP 49 AP</b> | -70 +400 | 4s       |    |   |   |
| <b>TP 87</b>    | -50 +200 | 3s       |    |   |   |
| <b>TP 878</b>   | +5 +80   | 60s      | Contact probe for solar panels. Cable L = 2m.  |   |   |
| <b>TP 878.1</b> | +5 +80   | 60s      | Contact probe for solar panels. Cable L = 5m.  |   |   |
| <b>TP879</b>    | -20 +120 | 60s      | Penetration probe for compost. Cable L = 2m.   |   |  |
| <b>TP 875</b>   | -30 +120 | 15s      | Globe-thermometer probe for measuring radiant heat $\phi$ 150 mm. (ISO7243, ISO7726). 4 wires Pt100 Sensor cable L=2m. <b>Equipped with SICRAM module.</b> |  |   |
| <b>TP 876</b>   | -10 +100 | 15s      | Globe-thermometer probe for measuring radiant heat $\phi$ 50 mm. (ISO7243, ISO7726). 4 wires Pt100 Sensor cable L=2m. <b>Equipped with SICRAM module.</b>  |  |   |

## Pt100 / Pt1000 SENSOR PROBES WITH TP 47 MODULE

| COD.   | °C max   | $\tau$ s | DIMENSIONS   | USE   |
|--|--|----------|--|---|
| <b>TP 47.100 (Pt100)</b><br><b>TP 47.1000 (Pt1000)</b> | -50 +400   | 3s       |  |  |
| <b>TP 47</b>   | Only connector for connection of probes without SICRAM module: direct 3 and 4 wires Pt100, 2 wires Pt1000. |          |   |   |

# THERMOCOUPLE PROBES FOR PORTABLE INSTRUMENTS

## TYPE "K" (CHROMEL - ALUMEL) THERMOCOUPLE PROBES

| CODE     | °C max | $\tau$ s | DIMENSIONS   | USE   |
|----------|--------|----------|--|---|
| TP 741   | 800    | 2s       |    |   |
| TP 741/1 | 400    | 2s       |    |   |
| TP 741/2 | 800    | 2s       |    |   |
| TP 742   | 800    | 2s       |    |   |
| TP 742/1 | 400    | 2s       |   |   |
| TP 742/2 | 800    | 2s       |  |   |
| TP 743   | 800    | 3s       |  |  |
| TP 744   | 400    | 4s       |  |   |

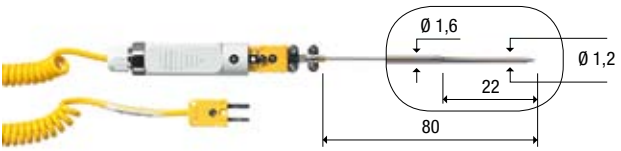

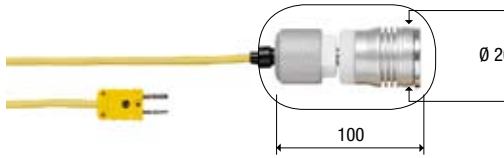







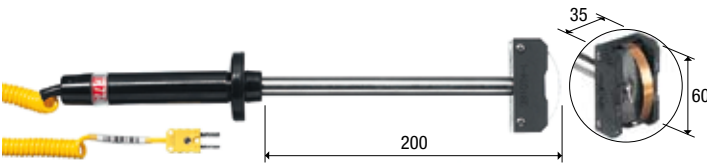



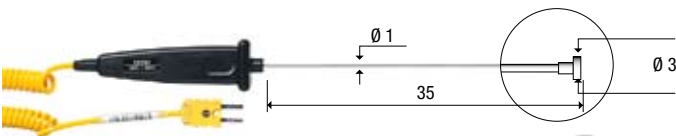

Air speed



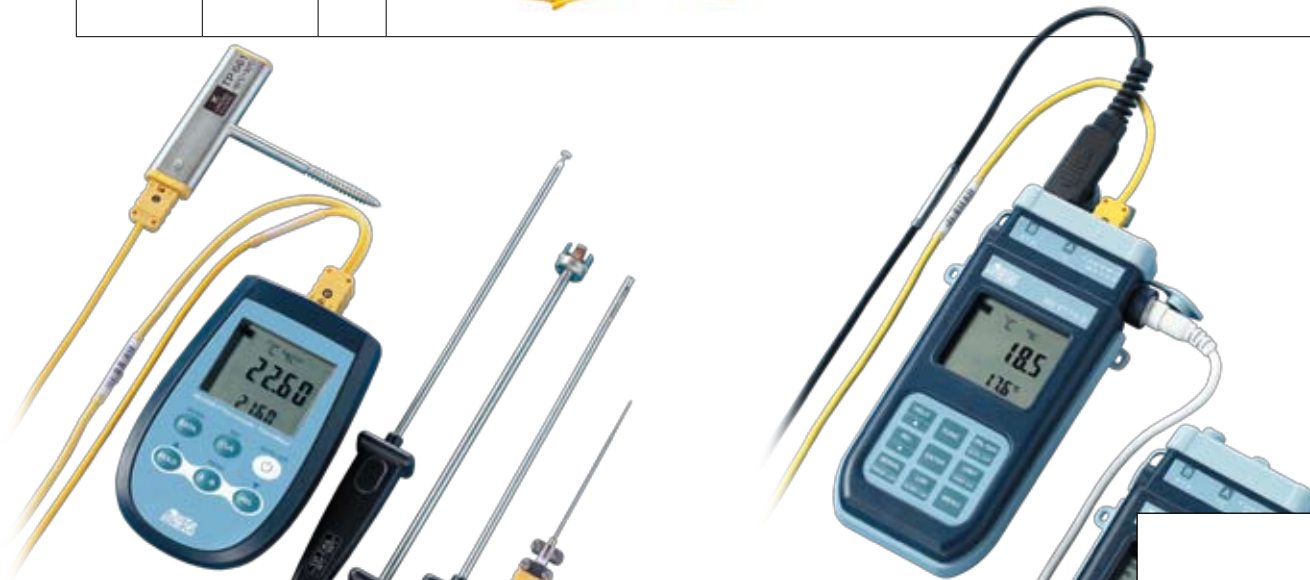
## TYPE "K" (CHROMEL - ALUMEL) THERMOCOUPLE PROBES

| CODE     | °C max | $\tau$ s | DIMENSIONS | USE |
|----------|--------|----------|------------|-----|
| TP 745   | 500    | 5s       |            |     |
| TP 746   | 250    | 2s       |            |     |
| TP 750   | 1000   | 3s       |            |     |
| TP 750.0 | 800    | 3s       |            |     |
| TP 751   | 200    | 2s       |            |     |
| TP 754   | 500    | 2s       |            |     |
| TP 754/9 | 500    | 2s       |            |     |
| TP 755   | 800    | 2s       |            |     |
| TP 755/9 | 800    | 2s       |            |     |

## TYPE "K" (CHROMEL - ALUMEL) THERMOCOUPLE PROBES

| CODE     | °C max | $\tau$ s | DIMENSIONS   | USE   |
|----------|--------|----------|--|---|
| TP 756   | 200    | 2s       |    |    |
| TP 757   | 180    | 30s      | MAGNETIC PROBE FOR CONTACT MEASURE ON MAGNETIC METALLIC SURFACES<br> |    |
| TP 758   | 400    | 4s       |    |    |
| TP 758.1 | 400    | 4s       |    |    |
| TP 772   | 400    | 3s       |   |  |
| TP 774   | 250    | 2s       |    |  |
| TP 776   | 200    | 2s       |    |  |
| TP 777   | 200    | 3s       |    |  |

Air speed





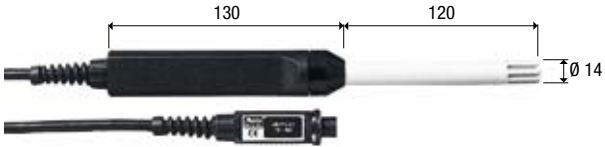
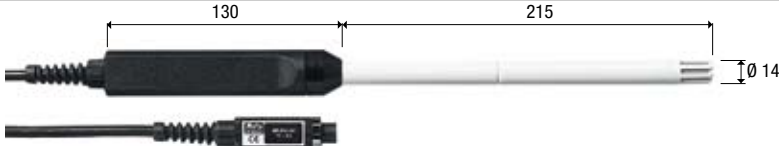

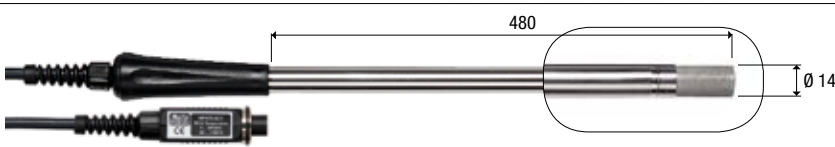
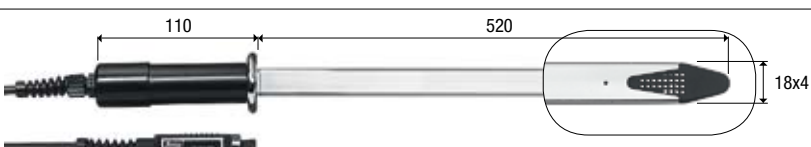
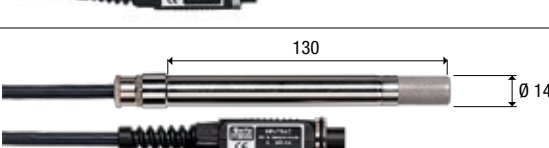
## TYPE "K" (CHROMEL - ALUMEL) THERMOCOUPLE PROBES

| CODE     | °C max | $\tau$ s | DIMENSIONS  | USE |
|----------|--------|----------|---|-----|
| TP 647   | 300    | 2s       | <p style="text-align: center;">For SIT calibration up to 300°C.</p> |     |
| TP 647/2 | 300    | 2s       |   |     |
| TP 647/3 | 300    | 2s       |   |     |
| TP 647/5 | 300    | 2s       |   |     |
| TP 651   | 1200   | 6s       |   |     |
| TP 652   | 1200   | 6s       |   |     |
| TP 655   | 180    | 2s       |   |     |
| TP 656   | 200    | 1s       |   |     |
| TP 656/1 | 1000   | 1s       |   |     |
| TP 656/2 | 1000   | 1s       |   |     |
| TP 657/1 | 100    | 5s       |   |     |
| TP 658   | 100    | 2s       |   |     |














## RELATIVE HUMIDITY AND TEMPERATURE PROBES FOR PORTABLE INSTRUMENTS - ACCESSORIES

| CODE      | Sensors     | Range<br>RH - Temp.         | USE  |
|-----------|-------------|-----------------------------|--|
| HP472ACR  | RH<br>Pt100 | 5 ÷ 98% RH<br>-20°C...+80°C |     |
| HP572ACR  | RH<br>TC.K  |                             |     |
| HP473ACR  |             |                             |    |
| HP474ACR  |             |                             |    |
| HP475ACR  | RH<br>Pt100 |                             |    |
| HP475AC1R |             |                             |   |
| HP477DCR  |             |                             |  |
| HP478ACR  |             |                             |  |

## SATURATED SOLUTIONS AND PROTECTIONS

| CODE                 |      |  | USE  |
|----------------------|------|--|--|
| HD75<br>HD33<br>HD11 |      | Probe fixing adapter 24x1,5<br>Probe fixing adapter 12x1 |  |
| P1<br>P2<br>P3<br>P4 | Ø 26 | M 24x1,5   |  |
| P5<br>P6<br>P7<br>P8 | Ø 14 | M 12x1   |  |

**PRESSURE PROBES: RELATIVE, ABSOLUTE, DIFFERENTIAL, FOR PORTABLE INSTRUMENTS**

| CODE                              | Differential pressure f.s. | Max. overpressure |  |
|-----------------------------------|----------------------------|-------------------|--|
| <b>PP472</b><br><b>Barometric</b> | 600÷1100<br>mbar absolute  | 3 bar             |    |
| <b>PP473S1</b>                    | 10 mbar                    | 200 mbar          |    |
| <b>PP473S2</b>                    | 20 mbar                    |                   |    |
| <b>PP473S3</b>                    | 50 mbar                    |                   |   |
| <b>PP473S4</b>                    | 100 mbar                   |                   |  |
| <b>PP473S5</b>                    | 200 mbar                   | 1 bar             |  |
| <b>PP473S6</b>                    | 500 mbar                   |                   |  |
| <b>PP473S7</b>                    | 1000 mbar                  | 3 bar             |  |
| <b>PP473S8</b>                    | 2000 mbar                  | 6 bar             |  |

Air speed