

JUMO plastoSENS T04 – Surface-Optimized Plastic Temperature Probe (904004)

- For temperatures from -40 to +180 °C
- Precise pipe adaptation through full contact to surface area
- Simple and fast mounting without tools
- Heat-conductible plastic
- Water-tight, IP65
- 70 % quicker mounting with the clip in comparison to mounting with a conventional hose clamp



Order details

| | | | |
|---|---|---|---|
| | | (1) Basic type | |
| | | 904004/10 | JUMO plastoSENS T04 - Surface-optimized plastic temperature probe with insulation cap and pipe clip |
| | | 904004/50 | JUMO plastoSENS T04 - Surface-optimized plastic temperature probe without accessories |
| | | (2) Operating temperature in °C | |
| X | X | 485 | -40..180°C |
| | | (3) Measuring insert | |
| X | X | 1003 | 1x Pt100 in 2-wire circuit |
| X | X | 1005 | 1x Pt1000 in 2-wire circuit |
| | | (4) Tolerance class | |
| X | X | 1 | Class B |
| X | X | 2 | Class A |
| | | (5) Surface shape | |
| X | X | 012 | For pipe diameters of 12 mm |
| X | X | 016 | For pipe diameters of 16 mm |
| X | X | 018 | For pipe diameters of 18 mm |
| X | X | 022 | For pipe diameters of 22 mm |
| X | X | 028 | For pipe diameters of 28 mm |
| | | (6) Connecting cable end | |
| X | X | 11 | Ferrules |
| | | (7) Connecting line length in mm | |
| X | X | 2500 | 2500 mm |
| X | X | 500 - 10000 | Indication of length in steps of 500 mm |

Order code

| | | | | | | |
|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| (1) | (2) | (3) | (4) | (5) | (6) | (7) |
| <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> | <input type="text"/> |

Order details

Please note that not all feature combinations directly generate deliverable products. They merely describe production-based versions that are possible. Due to the special manufacturing conditions the minimum order quantity for non-standard versions is 500 pieces.

Please refer to the stock versions as a guideline. All other versions are available upon request.

Stock versions

| Order code | Basic type | Operating temperature in °C | Measuring insert | Tolerance class | Surface shape | Connecting cable end | Connecting line length in mm | Part no. |
|--------------------------------------|---|-----------------------------|-----------------------------|-----------------|-----------------------------|----------------------|------------------------------|----------|
| 904004/10-485-1005-1-012-11-2500/000 | JUMO plastoSENS T04 - Surface-optimized plastic temperature probe with insulation cap and pipe clip | -40..180°C | 1x Pt1000 in 2-wire circuit | Class B | For pipe diameters of 12 mm | Ferrules | 2500 mm | 00712003 |
| 904004/10-485-1005-1-016-11-2500/000 | JUMO plastoSENS T04 - Surface-optimized plastic temperature probe with insulation cap and pipe clip | -40..180°C | 1x Pt1000 in 2-wire circuit | Class B | For pipe diameters of 16 mm | Ferrules | 2500 mm | 00712004 |

| | | | | | | | | |
|--------------------------------------|---|-------------|-----------------------------|---------|-----------------------------|----------|---------|----------|
| 904004/10-485-1005-1-018-11-2500/000 | JUMO plastoSENS T04 - Surface-optimized plastic temperature probe with insulation cap and pipe clip | - 40..180°C | 1x Pt1000 in 2-wire circuit | Class B | For pipe diameters of 18 mm | Ferrules | 2500 mm | 00712005 |
| 904004/10-485-1005-1-022-11-2500/000 | JUMO plastoSENS T04 - Surface-optimized plastic temperature probe with insulation cap and pipe clip | - 40..180°C | 1x Pt1000 in 2-wire circuit | Class B | For pipe diameters of 22 mm | Ferrules | 2500 mm | 00712006 |
| 904004/10-485-1005-1-028-11-2500/000 | JUMO plastoSENS T04 - Surface-optimized plastic temperature probe with insulation cap and pipe clip | - 40..180°C | 1x Pt1000 in 2-wire circuit | Class B | For pipe diameters of 28 mm | Ferrules | 2500 mm | 00712007 |

Accessories

| Description | Part no. |
|---------------------------------------|----------|
| Insulation cap | 00712258 |
| Pipe clip for pipe diameters of 12 mm | 00712262 |
| Pipe clip for pipe diameters of 16 mm | 00712266 |
| Pipe clip for pipe diameters of 18 mm | 00712267 |
| Pipe clip for pipe diameters of 22 mm | 00712270 |
| Pipe clip for pipe diameters of 28 mm | 00712271 |