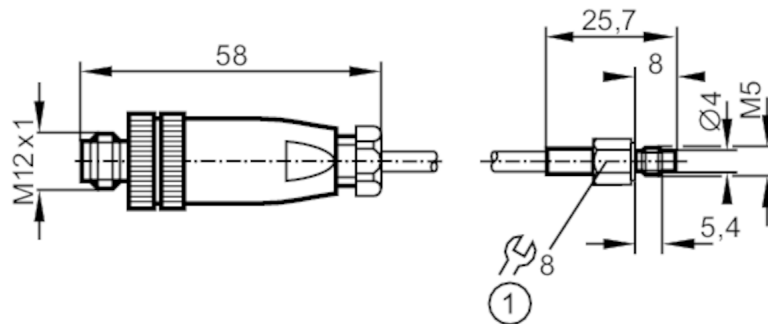


# TS0759



## Temperature cable sensor with screw-in sensor

TS-PT100-SCREW-IN M5



1 Tightening torque 1.5 Nm



### Product characteristics

|                    |                                        |              |
|--------------------|----------------------------------------|--------------|
| Measuring range    | -30...180 °C                           | -22...356 °F |
| Process connection | threaded connection M5 external thread |              |

### Application

|                   |                                        |
|-------------------|----------------------------------------|
| Measuring element | 1 x Pt 100; (to DIN EN 60751, class A) |
| Installation      | surface mount RTD for solid bodies     |

### Electrical data

|                  |     |
|------------------|-----|
| Protection class | III |
|------------------|-----|

### Measuring/setting range

|                 |              |              |
|-----------------|--------------|--------------|
| Measuring range | -30...180 °C | -22...356 °F |
|-----------------|--------------|--------------|

### Accuracy / deviations

|          |     |                             |
|----------|-----|-----------------------------|
| Accuracy | [K] | $\pm (0,15 K + 0,002 x t )$ |
|----------|-----|-----------------------------|

### Response times

|                            |     |                          |
|----------------------------|-----|--------------------------|
| Dynamic response T05 / T09 | [s] | 3 / 8; (to DIN EN 60751) |
|----------------------------|-----|--------------------------|

### Operating conditions

|            |       |
|------------|-------|
| Protection | IP 67 |
|------------|-------|

### Tests / approvals

|      |         |         |
|------|---------|---------|
| MTTF | [years] | 10377.8 |
|------|---------|---------|

### Mechanical data

|                    |     |                                        |
|--------------------|-----|----------------------------------------|
| Weight             | [g] | 394.25                                 |
| Housing            |     | cylindrical                            |
| Design             |     | screw-in sensor                        |
| Materials          |     | stainless steel (316L/1.4404)          |
| Process connection |     | threaded connection M5 external thread |

### Remarks

|               |  |        |
|---------------|--|--------|
| Pack quantity |  | 1 pcs. |
|---------------|--|--------|

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## Temperature cable sensor with screw-in sensor

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### Electrical connection

Cable: 10 m, silicone

Connector: 1 x M12; coding: A



### Connection

