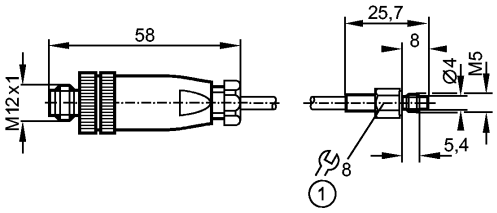
efector600

TS2759

TS-PT100-SCREW-IN M5

Temperature sensors



1: tightening torque 1.5 Nm

Product characteristics

Temperature sensor for connection to evaluation units

Screw-in sensor M5

Cable with connector

Connection to control monitor TP / TR

Measuring range: -30...180 °C / -22...356 °F

Measuring element: 1 x Pt 100, to DIN EN 60751, class A

Application

Application	Contact sensor for solid bodies

Electrical data

Connection to control monitor	TP / TR
Protection class	III

Measuring / setting range

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

Accuracy / deviations

Accuracy	± (0.15 K + 0.002 x |t|)

Reaction times

Dynamic response	T05 / T09 [s]	3 / 8 *)

Environment

Protection	IP 67

Tests / approvals

MTTF	[Years]	22831

Mechanical data

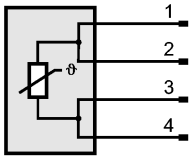
Housing materials		stainless steel 316L / 1.4404
Weight	[kg]	0.105

Electrical connection

Connection	silicone cable / 2 m; with M12 connector

Wiring





Remarks

Remarks		*) according to DIN EN 60751
Pack quantity	[piece]	1