

ITS Screw-in Thermal Sensor

ITS 旋入式温度传感器

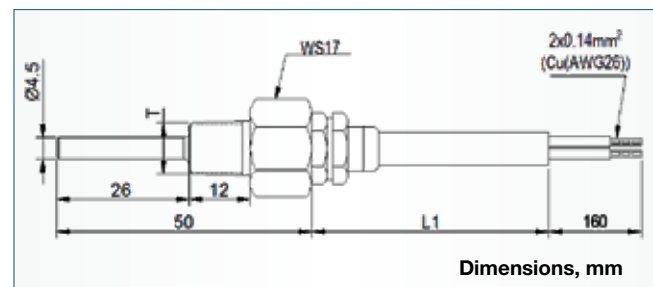
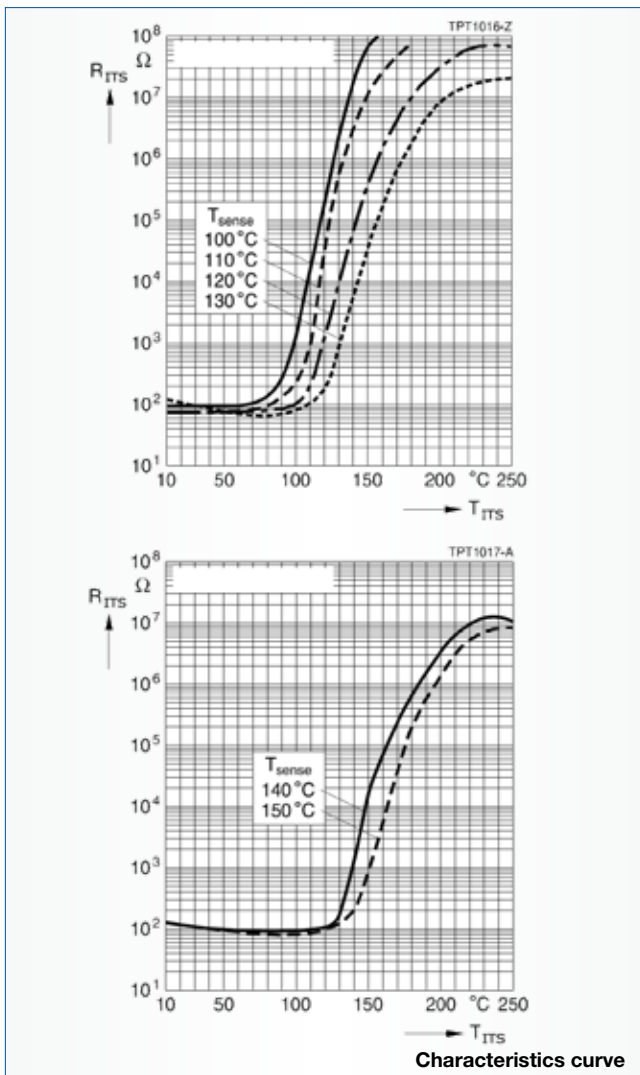


APPLICATION:

ITS thermal sensors are used for monitoring the temperatures on machines and systems, to protect them from thermal overload and overheating.

SPECIFICATIONS:

Item	Description
Max. operation voltage	30V
Characteristic line	Acc. To DIN 44081
Reproducibility of Eta-NRT (T _{sense})	+/- 0.5K
Initial resistance R ₂₅	≤100Ω
Resistance T _{sense} -5K	≤550Ω
Resistance T _{sense} +5K	≥1330Ω
Resistance T _{sense} +15K	≥4000Ω
Insulation test voltage	U _{is} = AC 1.5kV
Measuring voltage	V _{meas} ≤ 2.5VDC
Protection class	IP65 (EN 60529)
Max. output pressure	60bar
Material	Stainless steel
Permitted refrigerants	Not corrosive, not inflammable
Mechanical tolerance	According to ISO 2768-m
Operating temp. range	-40°C ... +180°C



Thread	L1, mm	NRT, °C	Features	P/N
NPTF 1/8"	1200	110	Pin lag x 2	02D 512 S46
NPTF 1/8"	1200	110	Pin lag + faston-6.3	02D 512 S45
NPTF 1/8"	740	140	Pin lag x 2	02D 512 S36
NPTF 1/8"	740	140	Pin lag + faston-6.3	02D 512 S35
R 1/8"	740	140	Pin lag x 2	02D 512 S30
R 1/8"	740	140	Pin lag + faston-6.3	02D 512 S31