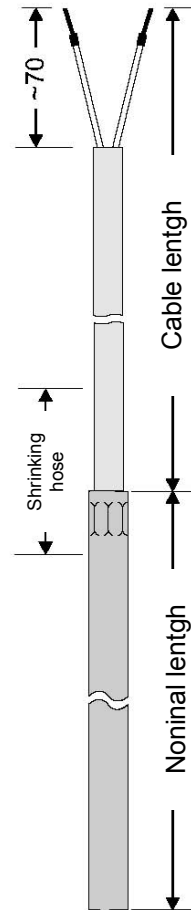


Sensor – Temperature

Resistance thermometer lead sensor type MS-KW1

Sensor:	Pt100 / Pt1000 / 2x Pt100 / 2x Pt1000 The temperature application area complies with the connection cable.
Type:	2-wire / 3-wire / 4-wire
Accuracy:	Class A / Class B / B1/2 DIN / B1/3 DIN / B1/10DIN
Material conduit:	Stainless steel 1.4571
Ø conduit:	4 mm / 5 mm / 6 mm Wall thickness: 0.25 to 1 mm
Nominal length:	Standard: 30 mm (Ø4) / 50 mm (Ø4) 50 mm (Ø5) / 46 mm (Ø6) / 70 mm (Ø6) Maximal length: 2.000 mm Option: as indicated
Connection cable:	PVC-PVC / PTFE-Silicon / PTFE-PTFE / PTFE-meshwork-PTFE Glass fibre-glass fibre-stainless steel braid (2x 4-wire only with PTFE-Silicon)
Connection:	open ends, wire end sleeve, 70 mm Option: other length
Cable length:	Standard: 2 m Option: as indicated
Bend protection:	Shrinking hose Option: spring / without
Conduit to cable:	Hexagonal compression Option: ring compression
Protection class:	IP65 (to 250°C) This goes not for braid!
Insulation resistance:	Test voltage 500 VDC
Insulant:	without
Reaction time:	conduit 6x0.5 mm: t90: 30.9 s / t50: 12 s conduit 6x1 mm: t90: 22.1 s / t50: 7.6 s

all dimensions in mm



Maximum temperature application area:

Sensor:	-200°C...450°C
Conduit:	Stainless steel 1.4571 (316Ti): to 600°C
Connection cable:	PVC: -10°C...105°C / Silicon: -45°C...180°C / PTFE: -75°C...205°C Glass fibre/braid: -60°C...550°C

