

AR136 Temperature sensor

CHARACTERISTIC

Clamp-on sensor designed for temperature measurement directly on pipelines, with a construction adapted to various pipe diameters.

TECHNICAL DATA

Measuring element.....Pt100, Pt1000, acc. to PN-EN60751+A2
J (FeCu-Ni), K (NiCr-NiAl) acc. to PN-EN60584

Measurement range.....up to 400°C

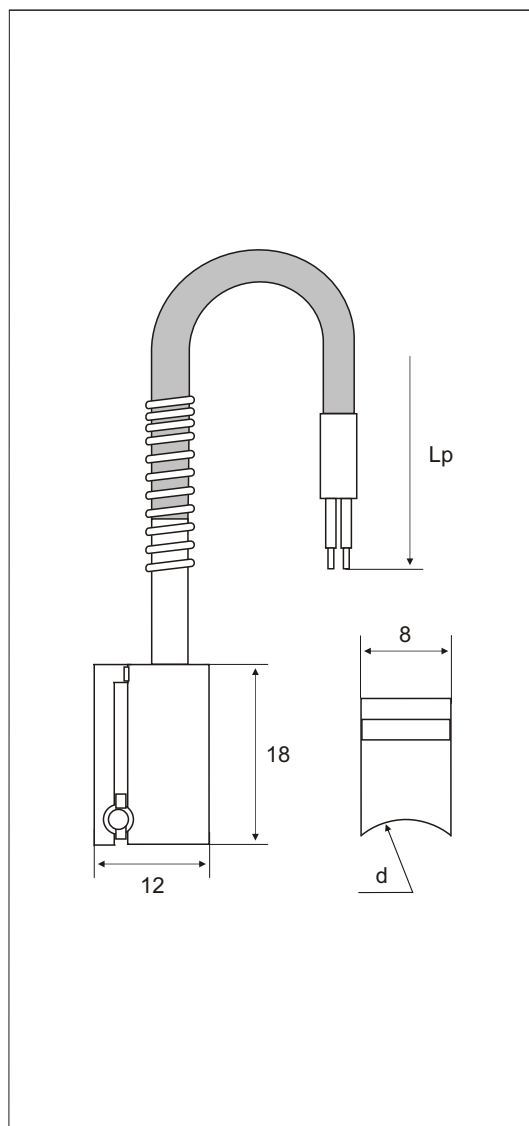
Sheath material.....steel 1HN18N9T (1.4541)

Connection cable.....teflon-braided (standard)

Connection (Pt100).....2,3,5 wires



INSTALLATION DATA



ORDERING PROCEDURE

AR136 - [] - [] - [] - [] - [] - [] - [] - [] - []									
Measuring element: Pt100, 2xPt100, Pt1000 J, K				Working temperature [°C]					
Class: A, B or 1/3B for Pt... 1 or 2 for J, K				Type of execution without spring - " " with spring - S					
Diameter d [mm]				Connection Type 2-wire 3-wire, 4-wire (for Pt...)					
Cable length Lp [m.]				Type of connection cable					
				1 - teflon-braided -40...+250°C					
				2 - teflon-silicone -40...+200°C					
				3 - silikon-silicone -40...+200°C					
				5 - teflon-teflon -70...+260°C					
				6 - fiberglass x 2-braid max. +400°C					

FOR EXAMPLE

AR136 - Pt100 - B - 50 - 1,5 - 1 - 3 - 300°C

Code above indicates a sensor with a Pt100 resistance thermometer, class B, 50mm diameter, with cable 1.5m teflon-braid, 3-wire lead, in spring version, operating in the range up to 300°C.