Temperature Measurement

Thermocouples

Straight thermocouples Individual parts and accessories

Connection heads

Connection head, Type A (without terminal block and terminals) for protective tube diameter (bore = protective tube diameter +0.5 mm (0.02 inch))

Selection and Ordering data	Article No.
Connection head, Type A, (without terminal block and terminals) 1 Cable inlet, degree of protection IP53, 0.35 kg (0.77 lb)	
Cast light alloy fastener, unscrewable for protective tube diameter in mm (inch) (bore = protective tube diam. +0.5 mm) (0.02 inch): • 22 (0.87) • 26 (1.02)	7MC2905-1AA 7MC2905-1BA
Cast light alloy high hinged cover for protective tube diameter in mm (inch) (bore = protective tube diam. +0.5 mm) (0.02 inch): • 22 (0.87) • 26 (1.02)	7 M C 29 0 5 - 4 A A 7 M C 29 0 5 - 4 B A

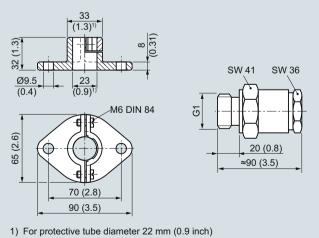
Installation accessories for connection heads

- Terminal block
- Terminal
- Set of gaskets
- Set of washers
- Mounting flange
- Threaded sleeve

Selection and Ordering data	Article No.
Mounting accessories	
Terminal block without terminals for base-metal thermocouples; 0.06 kg (0.13 lb)	7MC2998-1AA
Terminal for base-metal thermocouples; 0.01 kg (0.02 lb)	7MC2998-1BA
Set of gaskets (100 off) for the connection head cover; 0.01 kg (0.02 lb)	7MC2998-1CA
Set of washers (100 off) for the terminal block; 0.01 kg (0.02 lb)	7MC2998-1CB
 Mounting flange, adjustable; made of GTW for protective tube outer diameters 22 mm (0.87 inch); 0.35 kg (0.77 lb) for protective tube outer diameters 26 mm (1.02 inch); 0.32 kg (0.71 lb) 	7MC2998-2CB 7MC2998-2CC
Threaded sleeve Gas-tight up to 1 bar (14.5 psi), adjustable, materiall No. 1.0718, with gasket; 0.40 kg (0.88 lb) • for protective tube outer diameters 22 mm (0.87 inch), G1	7MC2998-2DB
 for protective tube outer diameters 	7MC2998-2DC

• for protective tube outer diameters 7MC2998-2DC 26 mm (1.02 inch), G1

Dimensional drawings



Mounting flange to DIN 43734 (left) and threaded sleeve (right) for installing straight thermocouples, dimensions in mm (inches)