

Dynisco Melt Temperature Probe Series DYKE



Description

The Dynisco Melt Thermocouple Series DYKE is especially designed to meet the requirements of the polymer industry. The flexible design of this series allows the use in extrusion and injection molding process.

The mounting thread is compatible with the threads used for melt pressure measurement. Therefore, the DYMT series is ready for use in most extrusion systems.

As an alternative to the DYM T series, the DYKE series offers the possibility of a thermal insulation of the housing. The sensor tip is being ceramically insulated from the housing.

These temperature sensors are especially suitable for the use in high abrasive medial.

Features

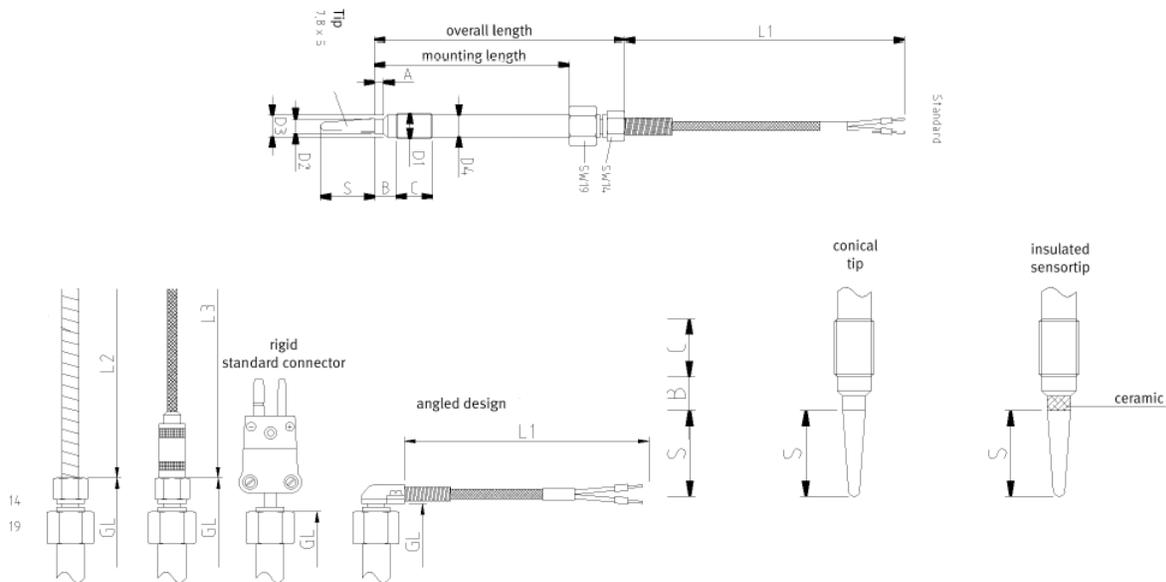
- Rugged design
- Designed especially for the polymer industry
- 1000 bars max. pressure
- Various TC and RTD
- Various threads available
- DYNISCO pressure transducer mounting hole compatible
- Electrical connection: DIN connector (PT100) or 2-wire thermocouple

Technical Data / Operating Data

Thread:	1/2"-20 UNF, M18 x 1.5 or M14 x 1.5
Stem Length:	152 mm standard, others on request
Mounting Thread:	rotary, if ceramically insulated rigid
Blade Length:	several lengths from 5 - 25 mm, in 5 mm-steps available
Sensortip:	conical, selegatable ceramical insulation
Material in Contact with Media:	Mat. No 1.4571
Electrical Characteristics	
Thermocouple:	J, K, L, other types on request
RTD:	wireable as 2-, 3- or 4-wire
Connector:	IEC-Connector for Thermocouples, DIN-Connector for RTD
Pipe Connection:	Straight or 90° angled
Cable Length:	150 mm, others on request

Use in hazardous environments with suitable accessory equipment possible

Dimensions



D1	D2	D3	D4	D5	A	B	C	SW	S
1/2-20UNF-2A	7.8 ^{-0.05}	10.5 ^{-0.05}	11 ^{-0.5}	12.5	5.3 ^{+0.25}	11	16	19	5 - 30
M18 x 1.5	10 ^{-0.05}	16 ^{-0.1}	16 ^{-0.5}	17.5	6 ^{-0.25}	14	20	19	5 - 30

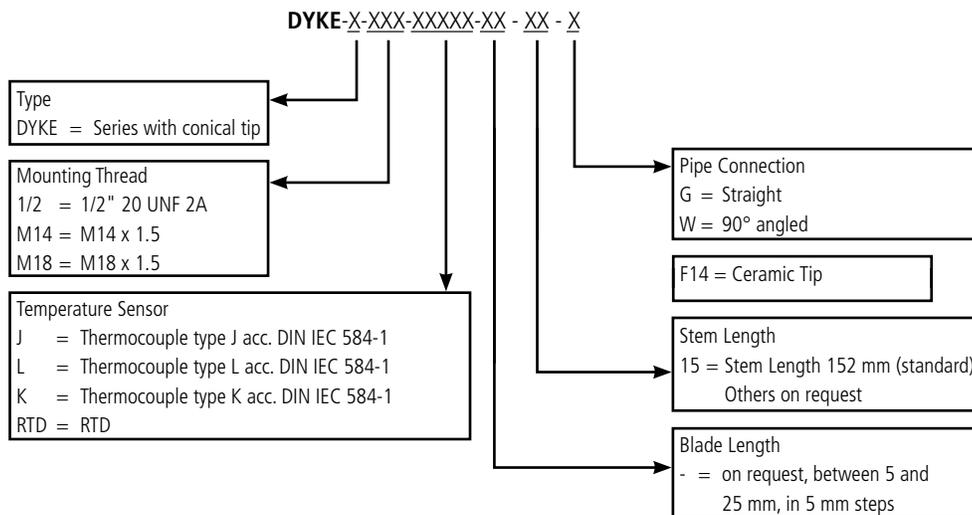
Mounting Instructions

Maximum mounting torque 40 Nm!

Under the following conditions:

- Avoid bending during screw into the mounting hole
- During screw out of the outer tube, avoid torsion at the inner tube
- Before mounting, ensure that the mounting hole is free from plastic residue

Ordering Guide



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 Refer to www.dynisco.com for access to Operator Manual and other support documentation.
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