

Mold cavity temperature sensor MMTK-01

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Features



- Specialized temperature sensor for integrated mold sensing system.
- Uses a thermocouple sensor with the tip exposed close to or inside the cavity to enable dynamic monitoring of temperature variations corresponding to resin behavior.
- The sensor has a small sized, 1 mm diameter tip, enabling it to be mounted even in tight target locations.
- Special tool is required in inserting and detaching the sensor into / from the mold cavity.

Specification

Specification name	Specification contents
Thermocouple type	K
Compatible standards	JIS C 1602-1995 Class 1(1TC-90)
Tolerance	±1.5°C
Operating temperature range	Up to 400°C (sensor) Up to 200°C (Cable and connector)
Storage temperature	Up to 80°C
Cable	φ1.5, 1 200 mm
Connector type	MTP-K-M-ROHS (OMEGA)
Accessory	Sensor fixing spacer, Cable fixing tube (5) pieces

Options

Dedicated detaching tool AOU MMTK-01

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Dedicated detaching tool AOH-MMTK-01