

Multi-sensor sealing gland

ISTSEAL00x



The multi-sensor sealing gland is designed to create a safe and reliable pass through for up to four temperature or proximity sensors on industrial machinery.

The sealing gland is easy to install, and its design enables users to use one gland type all over the machine which contributes to the machine's manageability and to reduce number of spare parts.



KEY FEATURES

- Creates a reliable pass through up to four sensors
- One outer body design, two feedthrough designs
- Designed for temperature or proximity sensors
- An oil tight solution

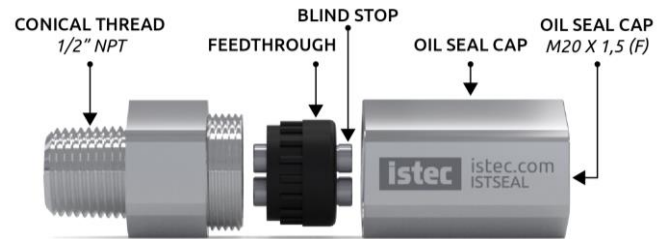
APPLICATION

- **Temperature sensors**
The sealing gland in combination with the 4 x 6 mm feedthrough is designed for bearing temperature sensors with a 6 mm oil barrier, such as the Istec RTD580 and Istec TCS580, to ensure a complete oil-tight solution.
- **Proximity sensors**
An oil tight feedthrough suitable for all industry standard proximity probe cables.

PARTS

The multi-sensor sealing gland consists of just four parts;

- **1/2" NPT conical thread**
The conical stainless-steel thread is easy to install.
- **Feedthrough – viton compression seal**
The viton feedthrough has four holes to place up to four sensors. Viton is resistant to oils, aqueous media and most other fluids. Unused holes can be closed with blind stops.
- **Blind stop (three pieces)**
Each seal comes with three stainless steel blind stops to be placed in unused holes to ensure a fully oil-tight solution.
- **Oil seal cap**
The oil seal cap has a M20 x 1,5 Female conduit adapter connection.



The ISTSEAL00X consists of just four parts



Feedthrough made of viton (oil resistant) designed for up to four sensors.

VERSIONS

The multi-sensor sealing gland comes in two versions.

	ISTSEAL001	ISTSEAL002
Dimensions	83 mm x 30 mm x 30 mm	83 mm x 30 mm x 30 mm
Pressure	Typical maximum is 2 bar	Typical maximum is 2 bar
Fitting	1/2" NPT machine fitting	1/2" NPT machine fitting
Conduit connection	M20 x 1,5 (Female)	M20 x 1,5 (Female)
Sensor feedthroughs	4 x 6 mm	4 x 3,8 mm
Material	Stainless steel	Stainless steel
Seal	Viton	Viton
Typical application	Sensor with Ø 6mm oil barrier, e.g. <ul style="list-style-type: none"> ▪ Temperature sensors Istec RTD580 Istec TCS580 	Sensor cable Ø 3.4-3.8, e.g. <ul style="list-style-type: none"> ▪ Proximity sensors Meggit TQ-series Metrix MX-series BN3300XL-series ▪ Speed sensors

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Note: Due to continuous process improvement, specifications are subject to change without notice. This document is cleared for public release.

