Sontay®
Four Elms Road · Edenbridge
Kent · TN8 6AB · UK

TT-PO

Stainless Steel Pockets for TT-554, TT-341 & TT-342

Issue Number: 7.0
Date of Issue: 08/12/2016

Features & Benefits

- Stainless steel 316
- Solid machined or 2-part welded construction
- Pocket lengths, 65, 150 & 250mm
- ½" BSPT connection

Technical Overview

TT-PO-521 and TT-PO-HP range of Stainless Steel Pockets are for use with immersion sensors TT-554, TT-341 and TT-342 which are locked into position with a grub screw.

The two part welded TT-PO-521 pockets are intended for low flow applications, they may be used in low flowing water applications as well as sumps and storage tanks. For applications requiring installation in high flowing water, the TT-PO-HP should be used.

Pockets can be installed in any system that is constructed from compatible materials whose operating pressures and flow rates are within the specified ranges.

Product Codes

Standard

TT-PO521
150mm Stainless steel pocket

TT-PO521-65
65mm Stainless steel pocket

TT-PO521-250
250mm Stainless steel pocket

High Performance

TT-PO-HP
150mm Stainless steel pocket

TT-PO-HP-250
250mm Stainless steel pocket

Specification

Material	Stainless steel
Boss	½" BSPT
Temperature range	-20 to +400°C
Maximum pressure (out to in):	
TT-PO-521	PN16
TT-PO-HP	PN40
Water velocity max. (0-100°C):	
TT-PO-521	3.7 m/s
TT-PO-521-65	18 m/s
TT-PO-521-250	1.7 m/s
TT-PO-HP	17 m/s
TT-PO-HP-250	6.5 m/s
Weight:	
TT-PO-521	140g
TT-PO-HP	220g
Country of origin	India

WEEE Directive:
At the end of the products useful life please dispose as per the local regulations.
Do not dispose of with normal household waste.
Do not burn.

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Installation

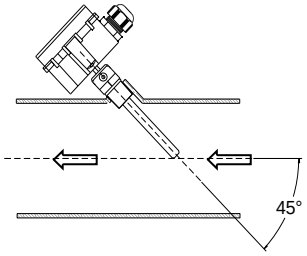
1. In a suitable accessible location, fit a ½" BSPT boss. Care should be taken to ensure that the pocket/sensor tip in centre of the flow for accurate temperature measurement.

2. Apply thread seal sealant and screw the pocket in to the boss and tighten.

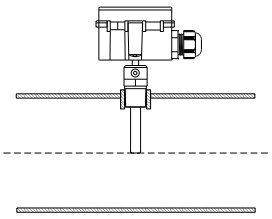
3. Insert the TT-554, TT-341 or TT-342 temperature sensor into the pocket and tighten the grub screw to retain the sensor.

Example applications:

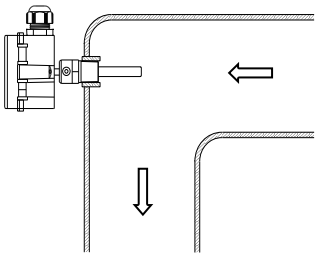
Pocket installed at 45° facing the flow. Best



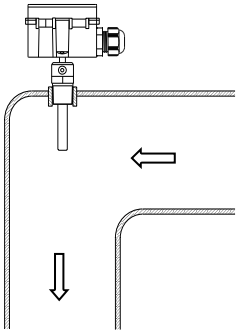
Pocket installed perpendicular to flow. Good



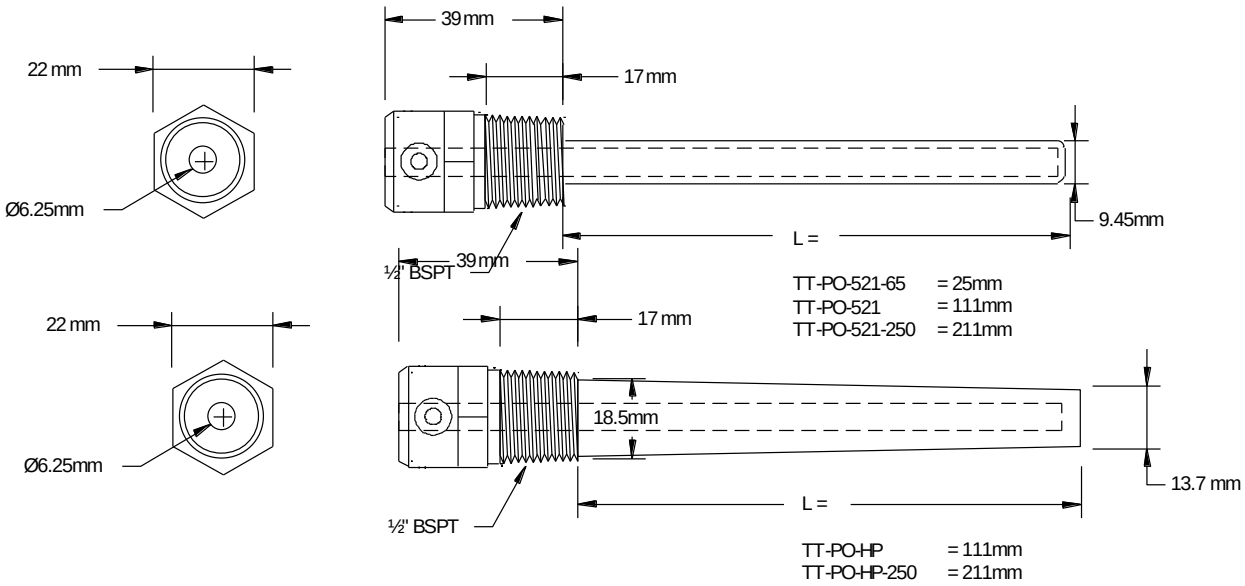
Pocket installed directly facing the flow. Best



Pocket installed parallel to the flow. Good



Dimensions



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