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TECHNICAL STANDARDS & SAFETY AUTHORITY  
14TH FLOOR CENTRE TOWER-3300 BLOOR STREE  
TORONTO ON M8X 2X4

**Date:** May 18, 2016  
**Account #:** 35231  
**Journal #:** 65511  
**Our File #:** 5591511

**Attn:** TANYA FRANCIS

**Re:** Application for Design Registration

The design, as detailed in your, TSSA SR# 1862758, for a Fitting is accepted for registration as follows:

**Registered To:** SWAGELOK COMPANY                      **CRN:** 0F18289.51

**Drawing #:** MS-02-475 Product Catalog

**Conditions Of Registration:**

Registration of Swagelok PTX Series Pressure Transducers per Scope of Registration.

This design was registered based on a technical review performed by the province of initial registration in accordance with the Association of Chief Inspectors policy on reciprocal recognition of design review.

**Reviewer's Notes:**

As required by CSA B51 4.2.1, this registration expires on March 01, 2026. This CRN is valid until the expiry date as long as the Manufacturer maintains a valid quality control program verified by an acceptable third-party agency until that date. Should the certification of the quality control program lapse before the expiry date, this registration shall become void.

Contact me if you have any questions. The invoice for registration will be forwarded under separate cover.

KURTIS MCLELLAND  
(778) 396-2077  
Kurtis.McLelland@safetyauthority.ca  
Design Administration

**cc:**

## Attachment B. Scope of Registration for Swagelok PTX Series Digital Pressure and Temperature Transducers (Category F)

### Product Scope

This document represents the scope of Swagelok PTX Series Digital Pressure and Temperature Transducers covered by this submission for CRN approval. The Swagelok PTX Series Digital Pressure and Temperature Transducers were designed and evaluated in accordance with ASME B31.1 for unlisted components and ASME B31.3 for unlisted components.

### Summary Table

Product Description or Series	Main Pressure Bearing Component	Material	Port Connections and Sizes	Maximum Allowable Working Pressure (psig)		Design Code of Construction
				At 70°F	At 158°F	
PTX G050 Model  Full Scale Range 0 to 50 psig  (3.4 bar)	Body	Stainless Steel  (ASTM A479 UNS S31600)	1.5 in. Swagelok MPC modular surface mount in accordance with ANSI/ISA 76.00.02  1/4 in. Swagelok tube fittings  6 mm Swagelok Tube Fittings	50	50	ASME B31.1 (Unlisted Components and ASME B31.3 (Unlisted Components)
PTX G250 Model  Full Scale Range 0 to 250 psig  (17.2 bar)	Body	Stainless Steel  (ASTM A479 UNS S31600)	1.5 in. Swagelok MPC modular surface mount in accordance with ANSI/ISA 76.00.02  1/4 in. Swagelok tube fittings  6 mm Swagelok Tube Fittings	250	250	ASME B31.1 (Unlisted Components and ASME B31.3 (Unlisted Components)
PTX G500 Model  Full Scale Range 0 to 500 psig  (34.4 bar)	Body	Stainless Steel  (ASTM A479 UNS S31600)	1.5 in. Swagelok MPC modular surface mount in accordance with ANSI/ISA 76.00.02  1/4 in. Swagelok tube fittings  6 mm Swagelok Tube Fittings	500	500	ASME B31.1 (Unlisted Components and ASME B31.3 (Unlisted Components)

## Product Illustration



## Quality System

The Swagelok Company quality system complies with the requirements of BS EN ISO 9001:2008. The Swagelok Company maintains British Standards Institution Certificate of Registration Number FM 01729, which applies to all locations listed on the Certificate. The Swagelok Digital Pressure and Temperature Transducers are manufactured at a Swagelok Company locations in Solon, Ohio.

## References

The product catalog does not represent the full scope of registration, but rather details some of the most common options.

- Swagelok Intrinsically Safe Pressure and Temperature Transducers MS-02-475
- Swagelok Digital Pressure and Temperature Transducers MS-02-434