

Type 550X

Physical Specifications

Type 550X

Ordering Information

Port Sizes	Pneumatic	1/4" NPT
Media	Clean, dry, oil-free, instrument air, filtered to 40 micron	
Electrical Connections	Conduit 1/2" NPT, Terminal Block, DIN 43650	
Mounting	Direct wall, panel, 1 1/2" pipe, DIN rail or Manifold	
Materials	Housing	Chromate-treated aluminum with epoxy paint.
	Elastomers	Buna-N
	Trim	Stainless steel; brass; zinc-plated steel
Weight	Standard Unit: 1.3 lbs Zero-based Unit: 1.7 lbs	
Enclosure	NEMA 4X/IP65 (Conduit Connection "A" only)	

Hazardous Area Classifications

Factory Mutual (FM) & Canadian Standards (CSA) Approvals

Standard feature for 4-20mA units

Intrinsically Safe (1/2" NPT Conduit)

Class I, II, III, Division 1,
Groups C, D, E, F, & G
Enclosure Nema 4X(IP 65)
Temp. Code T4 Ta = 70° C
Rated 4-20 mA, 30 VDC Max.

Intrinsically Safe (DIN & Terminal)

Class I, Division 1, Groups C & D
Temp. Code T4 Ta = 70° C
Rated 4-20 mA, 30 VDC Max.

ATEX Approvals (option K)

© II 1 G EEx ia IIB T4
Tamb = -30° C to +70° C



Non-Incendive (Conduit, DIN, Terminal)

Class I, Division 2,
Groups A, B, C & D
Temp. Code T4 Ta = 70° C

Suitable for (Conduit only)

Class II & III, Division 2,
Groups F & G
Temp. Code T4 Ta = 70° C

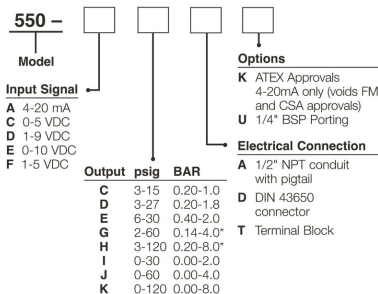
Entity Parameters

Ui (Vmax) = 30 VDC Ci = 0 uF
Ii (Imax) = 125 mA Li = 0 mH
Pi = .7 w Max.

Entity Parameters

U: (Vmax) = 30 VDC Ci = 0 uF
I: (Imax) = 125 mA Li = 0 mH
Pi = .7 W Max.

Use this coding system to order



Output shown is calibrated at the factory. Large span adjustment capability allows recalibration to achieve output ranges from 3-35 psig (0.2-2.4 BAR) with 2-60 psig unit, and up to 3-145 psig (0.2-10.0 BAR) with 3-120 psig unit.

Accessories

DIN rail mounting kit
Kit # 445-766-024

1.5" or 2" pipe mounting kit
Kit # 448-542-005

Warranty

Products are warranted to be free from defects in materials and workmanship for a period of eighteen months from the date of sale, provided said products are used according to recommended usages.

Classification

EC Declaration of Conformity

Declare that the Type 550X Transducer family to which this declaration applies, comply with these standards:

EN 50082-1:1998
EN 55011:1999
EN 61010-1:1993 including AMD:1995

Following the provisions of EMC directive 89/336/EEC