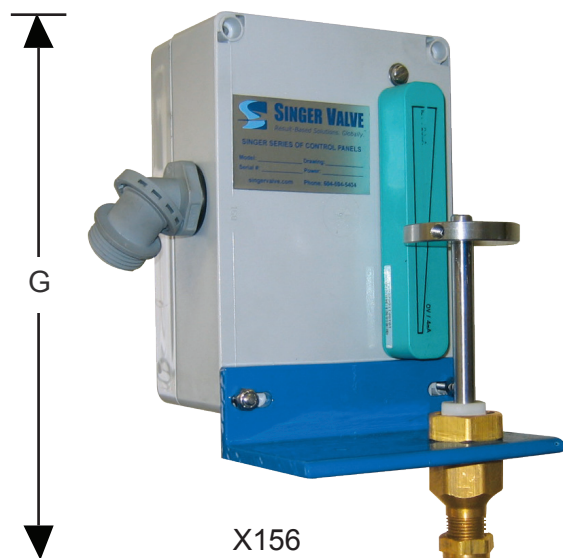


# Model X156

## Linear Inductive Valve Position Transmitter



### KEY FEATURES

- The stainless steel actuator stem is pinned directly to the main valve stem
- Stems on main valves larger than 2 1/2 in / 65 mm are pre-drilled for easy installation
- Separate stem cap permits easy field installation
- Combination water-tight rated enclosure to NEMA 4X and NEMA 6

### Product Overview

The X156 Linear Inductive Valve Position Transmitter electronically indicates the position of the valve and is ideal for applications where precision and accuracy is required. It is mounted directly to the main valve stem and uses an external source of 24VDC power, a 4 to 20mA signal proportional to valve stroke is generated and transmitted. The zero and span are fully adjustable over the complete range of stroke.

### Sizes & Heights

Dimension G in the above image is the height added to the valve by the assembly.

106-X156	Dimension 'G' Height											
Sizes (in)	2 1/2 in	3 in	4 in	6 in	8 in	10 in	12 in	14 in	16 in	20 in	24 in	36 in
Sizes (mm)	65 mm	80 mm	100 mm	150 mm	200 mm	250 mm	300 mm	350 mm	400 mm	500 mm	600 mm	1000 mm
Height (in)	9 in	9 in	9 in	9 in	9 in	9 in	9 in	9 in	9 in	12.5 in	12.5 in	31 in
Height (mm)	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	318 mm	318 mm	788 mm

206-X156	Dimension 'G' Height														
Sizes (in)	3 in	4 in	6 in	8 in	10 in	12 in	16 in	18 in	20 in	24 in	28 in	30 in	32 in	36 in	40 in
Sizes (mm)	80 mm	100 mm	150 mm	200 mm	250 mm	300 mm	400 mm	450 mm	500 mm	600 mm	700 mm	750 mm	800 mm	900 mm	1000 mm
Height (in)	9 in	9 in	9 in	9 in	9 in	9 in	9 in	9 in	9 in	9 in	12.5 in	12.5 in	12.5 in	12.5 in	31 in
Height (mm)	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	230 mm	318 mm	318 mm	318 mm	318 mm	788 mm

### Standard Materials

Adapter: ASTM B-16

Target: AISI 416 stainless steel

Actuator Stem: AISI 316 stainless steel

O ring Seals: Buna-N

Seal Bushing: ASTM B-16 brass

Mounting Plate: Coated steel

Actuator Stem Pin: 18-8 stainless steel

# Model X156 / Model OX

## Linear Inductive Valve Position Transmitter

### Oxy-Nitride Stem

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## Specifications

Select Singer main valve specifications from the main valve section and incorporate the following addendum:

- The Linear-Inductive Position Transmitter shall be utilized on valves 2 1/2 in / 65 mm to 36 in / 900 mm 106-PG (40 in / 1,000 mm 206-PG) only.
- The Linear-Inductive Position Transmitter stem shall be pinned to main valve stem on all valves.
- The Linear-Inductive Position Transmitter shall utilize Linear-Inductive, non-contact sensor technology.

## Ordering Instructions

Refer to page 293 for the order form and ordering instructions.

Additionally, include the following information for this product:

- Integrated discrete switch output (optional)
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## Model OX: Oxy-Nitride Stem



The Oxy-Nitride stem is ideally suited to reclaimed water applications and a wide range of other applications where mineral-build up is a concern.

When minerals build-up on stems, it can cause potential maintenance problems and operational malfunctions. The Oxy-Nitride treated stainless steel stem is the perfect solution. Its specialized proprietary aerated salt bath treatment will reduce or prevent mineral build-up allowing the stem to stroke freely as it passes through the guide bushing. The Oxy-Nitride stem also increases surface hardness as well as wear, fatigue and lubricity.

## Specifications

Select Singer main valve specifications from the main valve section and incorporate the following addendum:

- The standard Singer stainless steel stem shall be treated with the proprietary Oxy-Nitride treatment.

## Ordering Instructions

Refer to page 293 for the order form and ordering instructions.

Note: this Oxy-Nitride Stem may be included as standard with some products