

# Singer Linear Inductive Valve Position Transmitter Model X156

**SINGER**<sup>®</sup>  
a **MUELLER** brand

Technical Guide W4.70

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.



01.25 | W4.70 | SINGER LINEAR INDUCTIVE VALVE POSITION TRANSMITTER MODEL X156

## Applications

Pressure Control

Potable water

Municipal

Mining Applications

Irrigation Applications



**Licence Number:**  
WMK/SMK26726

## Product Attributes

The stainless-steel actuator stem is pinned directly to the main valve stem

Stems on Main Valves larger than 65 mm are pre-drilled for easy installation

Separate stem cap permits easy field installation

## Approvals/Standards

Combination water-tight rated enclosure to NEMA 4X and NEMA 6

## Quality:

ISO 9001:2015 Quality Management Systems

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The X156 Linear Inductive Valve Position Transmitter is mounted directly to the main valve stem and uses an external source of 24 VDC power, a 4 to 20 mA signal proportional to valve stroke is generated and transmitted. The zero and span are fully adjustable over the complete range of stroke.

### 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

### ORDERING INSTRUCTIONS

- Available without 4-20 mA rescaler
- Available with optional external limit switches

Refer to the order form and ordering instructions. Additionally, include the following information for this product:

- Integrated discrete switch output (optional)

### SIZES AND HEIGHTS

**TABLE 1** Singer Linear Inductive Valve Position Transmitter Model X156

Size (mm)	106-X156 (mm)	206-X156 (mm)
65	230	230
80	230	230
100	230	230
150	230	230
200	230	230
250	230	230
300	230	230
350	230	-
400	230	230
450	-	230
500	318	230
600	318	230
600 x 400	-	230
600 x 500	-	230
700	-	318
750	-	318
800	-	318
900	-	318
1000	788	318
1200	-	318

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



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