



## ZT90 Pressure Transmitter

### OUTLINE

Pressure transmitter, ZT90 is using fluorine resin to the wetted parts.

So it can be used to high purity water application with anti-corrosion and durability.

### FEATURES

Using thicker PTFE diaphragm, it is excellent in the anti-corrosion.

The over pressure is twice for the pressure range.

Excellent performance is made by ceramic sensor and custom IC.

### SPECIFICATION

#### Applicable fluid:

Super acid (fluorine acid, nitric acid, sulfuric acid)  
Super alkaline, super pure water

#### Applicable field:

Non hazardous zone where explosive gases and liquids always exist.

#### Cable:

2m (standard)

#### Fitting type:

Single tube type (bottom)  
Tube O.D.: 12 DIA. or 12.7 DIA.

#### Wetted parts materials:

Diaphragm PTFE  
Tube PFA

#### Pressure range:

0 ~ 0.5MPa (0 ~ 5kgf/cm<sup>2</sup>)

#### Allowable max. pressure:

Two times of pressure range

#### Operating temperature:

15 ~ 40°C

#### Storage temperature:

0 ~ 50°C

#### Power source:

24V DC ±10%

#### Output:

4 ~ 20mA DC

#### Load resistance:

Less than 500Ω

#### Transmission system:

2 wire system

#### Accuracy:

±1.5%F.S.

#### Temperature coefficient:

Zero ±0.2%F.S./°C (20±5°C)  
±0.05%F.S./°C (25 ~ 40°C)  
Span ±0.2%F.S./°C

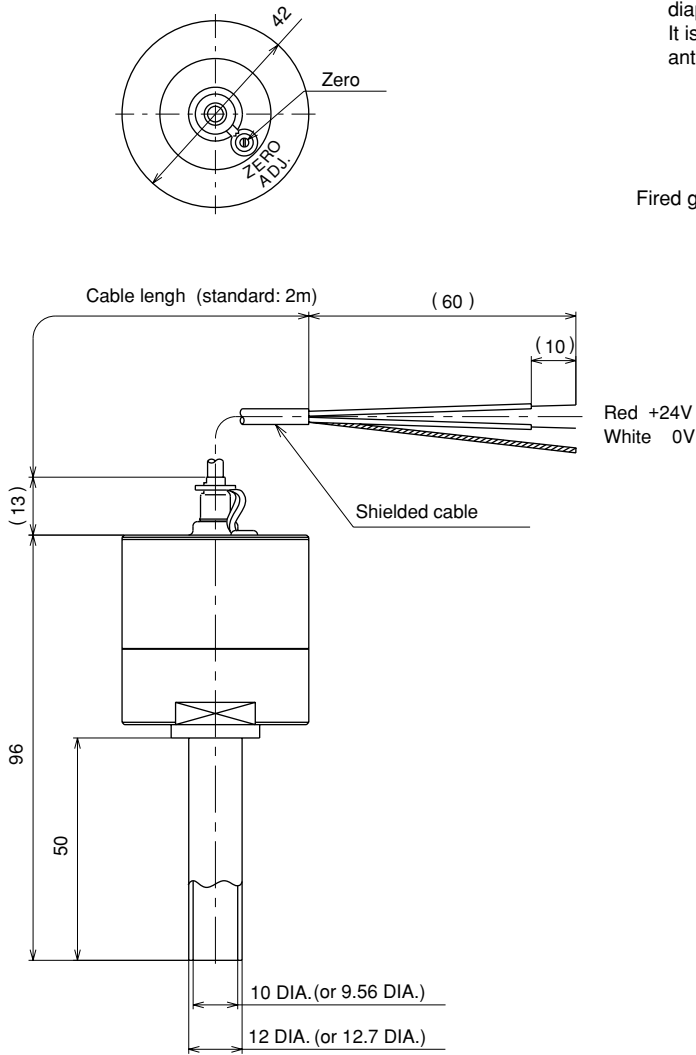
#### Construction:

Indoor use

#### Weight:

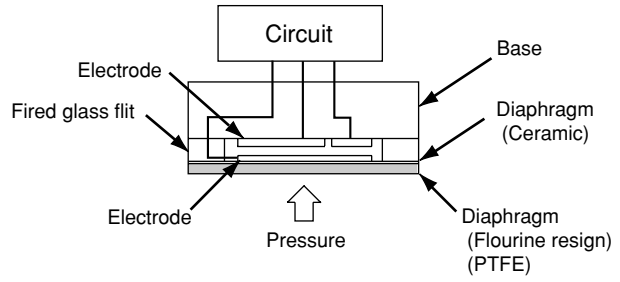
About 150 g

## DIMENSIONS

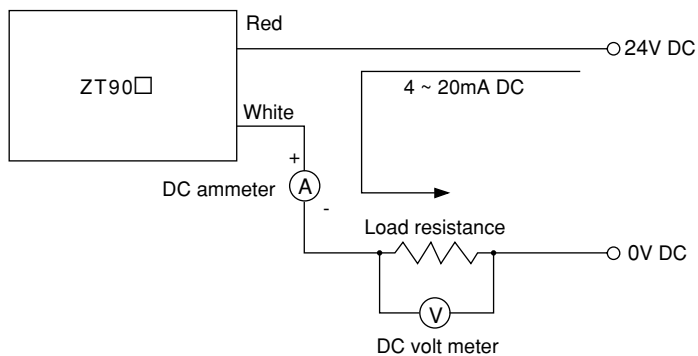


## CONSTRUCTION DIAPHRAGM

Pressure sensing part is lined with PTFE diaphragm on ceramic sensor. It is high proof pressure, excellent anti-corrosion and stability.



## WIRING



# Type No. constitution

Please specify Type No., each specification and range, when ordering.

Note: For this Model, there is no applicable item for the figures X, but please specify X when ordering.

