

Specifications

| Model | VP7 | VP75 |
|-----------------------|-----------------------------------|---------------------------------|
| Input signal | 4~20mA DC | |
| Impedance | 500Ω at 20mA DC | |
| Supply pressure | 0.14~0.8MPa | |
| Stroke | 10~150mm (Linear), 0~90° (Rotary) | |
| Air connection | NPT1/4 | |
| Gauge connection | NPT1/8 | |
| Conduit | G1/2, M20 | |
| Explosion proof type | In progress | |
| Enclosure | IP66 (EN60529) | |
| Ambient Temp. | Standard type | -25°C~80°C |
| | Low temp type | -40°C~80°C |
| | Explosion proof | -40°C~60°C(T5) / -40°C~40°C(T6) |
| | LCD operating | -30°C~85°C |
| Linearity | ±0.5% F.S. | |
| Sensitivity | ±0.2% F.S. | |
| Hysteresis | ±0.5% F.S. | |
| Repeatability | ±0.3% F.S. | |
| Air consumption | Below 0.01LPM (Sup=0.14MPa) | |
| Required air quality | Class 4 (ISO 8573-1) | |
| Flow capacity | Over 75LPM (Sup=0.14MPa) | |
| Material | Aluminum die cast | Stainless steel 316 |
| Weight | 1.5kg | 4.0kg |
| HART version* | HART 7 | |
| Position transmitter* | Connection type | 2 Wire |
| | Supply voltage | 10~30V DC |
| Limit switch rating* | Mechanical type | AC 125V, 3A DC30V, 2A |
| | Proximity type | DC8.2V 8.2A |

* Options

Product code

| Model | VP7 | | | | | | | | | | | | | | | | | | | | | |
|-----------------------------------|--|------|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|--|---|---|
| Standard type | VP7 | | | | | | | | | | | | | | | | | | | | | |
| Remote type | VP72 | | | | | | | | | | | | | | | | | | | | | |
| Stainless steel 316 | VP75 | | | | | | | | | | | | | | | | | | | | | |
| Motion type | Linear | L | | | | | | | | | | | | | | | | | | | | |
| | Rotary | R | | | | | | | | | | | | | | | | | | | | |
| Acting type | Single acting | S | | | | | | | | | | | | | | | | | | | | |
| | Double acting | D | | | | | | | | | | | | | | | | | | | | |
| Explosion proof type | Non-explosion proof | N | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Connection type | Conduit entry | | | | | | | | | | | | | | | | | | | | | |
| | Air connection | | | | | | | | | | | | | | | | | | | | | |
| | | G1/2 | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | |
| Lever (Linear type) | 10 ~ 80mm | | | | | | | | | | | | | | | | | | | | 1 | |
| | 70 ~ 150mm | | | | | | | | | | | | | | | | | | | | 2 | |
| | Adapter type (30mm) | | | | | | | | | | | | | | | | | | | | 3 | |
| | Adapter type (70mm) | | | | | | | | | | | | | | | | | | | | 4 | |
| Lever (Rotary type) | M6 x 39L | | | | | | | | | | | | | | | | | | | | 1 | |
| | NAMUR | | | | | | | | | | | | | | | | | | | | 5 | |
| Ambient Temp. | -25°C~80°C | | | | | | | | | | | | | | | | | | | | S | |
| | -40°C~80°C | | | | | | | | | | | | | | | | | | | | L | |
| Communication | None | | | | | | | | | | | | | | | | | | | | 0 | |
| | 4~20mA Position transmitter | | | | | | | | | | | | | | | | | | | | 1 | |
| | HART | | | | | | | | | | | | | | | | | | | | 2 | |
| | HART with 4~20mA Position transmitter | | | | | | | | | | | | | | | | | | | | 3 | |
| Limit switch (For TS700) & TS705) | None | | | | | | | | | | | | | | | | | | | | 0 | |
| | Mechanical type | | | | | | | | | | | | | | | | | | | | M | |
| | Proximity type | | | | | | | | | | | | | | | | | | | | P | |
| | With dome cover (Without Limit switch) | | | | | | | | | | | | | | | | | | | | D | |
| Cable length (For TS720) | 5m | | | | | | | | | | | | | | | | | | | | 1 | |
| | 10m | | | | | | | | | | | | | | | | | | | | 2 | |
| | User define (Less than 20 meters) | | | | | | | | | | | | | | | | | | | | x | |
| Fail Position | Fail freeze type | | | | | | | | | | | | | | | | | | | | | F |
| | Fail safe type | | | | | | | | | | | | | | | | | | | | | S |

Dimension [Unit:mm]



