

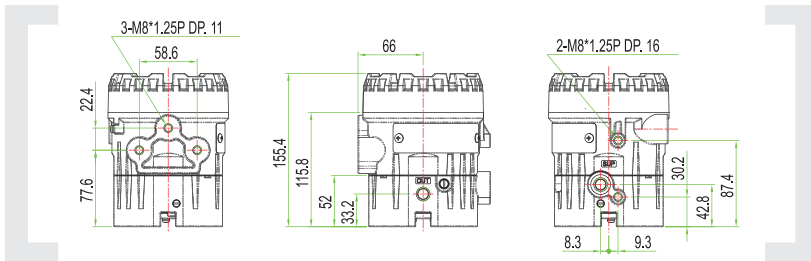
IP Converter YT-940

| Model | Explosion Protection | Output Pressure | Conduit-Air Connection | Operating Temp | Option | Gauge |
|--------|----------------------|-------------------------|------------------------|-----------------------|--|-------------------|
| YT-940 | C KCs | 1 0.02 ~ 0.1MPa | 1 G1/2-PT1/4 | S -30°C ~ 80°C | 0 NONE | 0 NONE |
| | A FM | 2 0.00 ~ 0.12MPa | 2 G1/2-NPT1/4 | L -40°C ~ 85°C | 1 +Feedback Signal (4~20mA DC) | 1 0~0.2MPa |
| | | 3 0.04 ~ 0.2MPa | | | | 2 0~0.4MPa |
| | | 4 0.00 ~ 0.23MPa | | | | |



YT-940

| Item · Type | YT-940 | |
|----------------------------|---|--|
| Input Signal | 4 ~ 20mA DC | |
| Output Signal | Standard | 0.02 ~ 0.1 MPa (0.2 ~ 1.0 bar) |
| | Multirange | 0 ~ 0.12 MPa (0 ~ 1.2 bar) |
| | | 0.04 ~ 0.2 MPa (0.4 ~ 2.0 bar) 0 ~ 0.23 MPa (0 ~ 2.3 bar) |
| Supply Pressure | Standard | 0.12 ~ 0.16 MPa (1.2 ~ 1.6 bar) |
| | Minimum | 0.2 bar greater than the maximum calibrated output pressure |
| | Maximum | 0.24 MPa (2.4 bar) |
| Explosion Protection Type | FM Class I Division 1, Groups A, B, C, D; T6 Ta= -40°C to +75°C, T5 Ta= -40°C to +85°C; Type 4X, IP66 Class II, III Division 1, Groups E, F, G; T6 Ta= -40°C to +75°C, T5 Ta= -40°C to +85°C; Type 4X, IP66 Class I, Zone 1, AEx d IIC T6 Ta= -40°C to +75°C, T5 Ta= -40°C to +85°C; Type 4X, IP66 Zone 21 AEx tb IIC T85°C Ta= -40°C to +75°C, T100°C Ta= -40°C to +85°C; Type 4X, IP66 KCs Ex d IIC T5/T6 | |
| Air consumption | Below 2LPM (sup=0.14MPa) | |
| Flow Capacity | 70LPM (sup=0.14MPa) | |
| Explosion Temp. | -40~85°C(T5) / -40~75°C(T6) | |
| Operating Temp. (Standard) | -30~85°C (-22~185°F) | |
| Linearity | ±0.5% F.S. | |
| Hysteresis | ±0.5% F.S. | |
| Sensitivity | ±0.2% F.S. | |
| Repeatability | ±0.3% F.S. | |
| Air Connection | (N)PT 1/4 | |
| Conduit | PF 1/2 (G 1/2) | |
| Ingress Protection | Type 4X, IP66 | |
| Required Operating Voltage | Min. 6.0 V (at 4 mA) | |
| | Max. 7.2 V (at 20 mA) | |
| Material | Aluminum Diecasting | |
| Weight | 3kg (6.61 lb) | |



YT-940 IP Converter accurately provides equipments with relevant air pressure, according to input signal of 4~20mA being delivered from the controller.

- High accuracy and sensitivity
- Simple zero and span adjustment
- Feedback Signal (Option)
- Analog PID Control
- Tubeless connection of YT-200, Air Regulator
- Explosion Proof Type
- No effect from mounting orientation