

# IP Converter YT-940

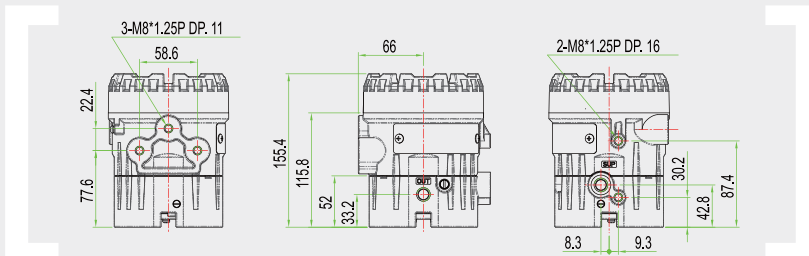
Product Number: YT-940 ■ ■ ■ ■ ■ (specify your requirement)

Model	Explosion Proof	Output Pressure	Connection Type	Ambient Temp	Option
YT-940	<span style="background-color: yellow;">■</span> Ex d IIC T6/T5	<span style="background-color: pink;">■</span> 1 0.02 ~ 0.1Mpa <span style="background-color: pink;">■</span> 2 0.00 ~ 0.12Mpa <span style="background-color: pink;">■</span> 3 0.04 ~ 0.2Mpa <span style="background-color: pink;">■</span> 4 0.00 ~ 0.23Mpa	<span style="background-color: lightblue;">■</span> 1 PT <span style="background-color: lightblue;">■</span> 2 NPT	<span style="background-color: lightcoral;">■</span> S -30°C~ 80°C <span style="background-color: lightcoral;">■</span> L -40°C~ 85°C	<span style="border: 1px solid black; padding: 2px;">0</span> NONE <span style="border: 1px solid black; padding: 2px;">1</span> +Feedback Signal(4~20mA DC)



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)
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 Proof		II 2G Ex d IIC T6/T5 II 2D Ex tb IIIC T85°C/T100°C
Air consumption		Below 2LPM (sup=0.14MPa)
Flow Capacity		70LPM (sup=0.14MPa)
Repeatability		±0.3% F.S.
Explosion Ambient Temp.	T6	-30 ~ 70°C (-22 ~ 158°F)
	T5	-30 ~ 80°C (-22 ~ 176°F)
Operating Temp.		-30~80°C (-22~176°F)
Hysteresis		±0.5% F.S.
Sensitivity		±0.2% F.S.
Linearity		±0.5% F.S.
Air Connection		(N)PT 1/4
Conduit		PF 1/2 (G 1/2)
Protection		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