

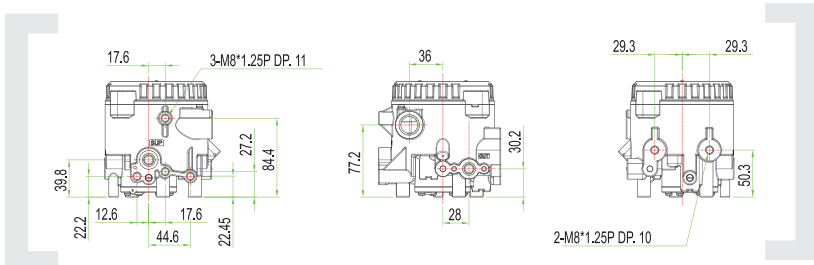
IP Converter YT-930

Model	Explosion Protection	Output Pressure	Conduit-Air Connection	Operating Temp	Option	Gauge
YT-930	N Non-Explosion	1 0.02 ~ 0.1MPa	1 G1/2-PT1/4	S -30°C ~ 80°C	0 NONE	0 NONE
	I ATEX, IECEx	2 0.00 ~ 0.12MPa	2 G1/2-NPT1/4		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-930

Item · Type	YT-930	
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)
Air consumption	Below 2LPM (sup=0.14MPa)	
Flow Capacity	70LPM (sup=0.14MPa)	
Explosion Temp.	-40~60°C(T5) / -40~40°C(T6)	
Operating Temp.	-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	IP66	
Explosion Protection Type	ATEX, IECEx Ex ia IIC T5/T6 Gb, Ex ia IIIC T100°C/T85°C Db	
Required Operating Voltage	Min. 6.0 V (at 4 mA)	
	Max. 7.2 V (at 20 mA)	
Material	Aluminum Diecasting	
Weight	1.6kg (3.53 lb)	



YT-930 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
- No effect from mounting orientation