



## FEATURES

- 4 digit showing the pressure in real time
- Two types signal available: 4-20mA remote signal or RS485 signal
- Good stability, anti electromagnetic interference design
- Varied pressure units available, error clearing and zero clearing
- Wide operation temperature range, wide application areas

## APPLICATIONS

- Automation equipment
- Medical equipment
- Variable frequency water supply
- Pneumatic and hydraulic system

## PRODUCT OVERVIEW

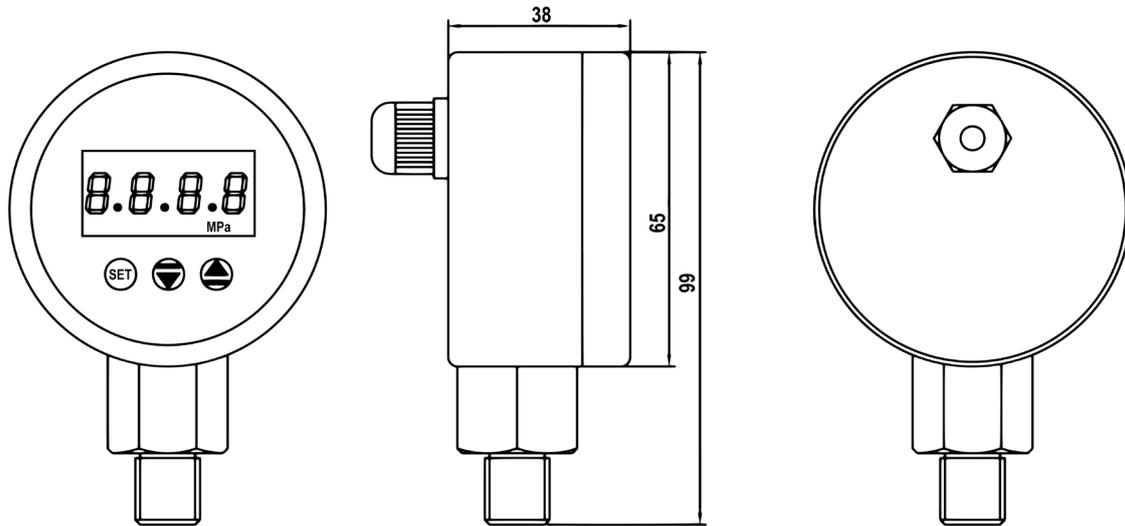
This gauge has two types outlet signal: 4-20 mA remote signal, or RS485 signal based on the standard MODBUS RTU communication protocol. This series of remote gauge uses four digit display, showing real-time pressure. while, the pressure signal can be remoted, transmission distance more than five hundred meters. This series of digital remote transmission pressure gauge with built-in pressure. Sensor, has powerful function, and users can change the pressure units, zero & error clearing, correction filter constant etc.. It has followed features: 304 stainless steel shell and connector, waterproof cable outlet, waterproof grade IP65, with a very wide range of medium applicability.

The product can replace the traditional pointer type pressure gauge or pressure transmitter for transmission.

## STANDARD PARAMETERS

Range	General Pressure Range (G): 0-2...10...16...50...100...250...400...600bar Absolute Pressure Range (GA): 0-0.05...0.1...0.2...1...10bar
Overload pressure	150% (>100bar) ;200% (≤100bar)
Screen type	LCD (4-20mA), LED (RS485)
Response time	2 ms
Accuracy	±0.5% FS ±0.25% FS
Stability	Typical: ±0.5% FS/year
Zero temperature drift	Typical: ±0.02% FS/°C, Max ±0.05% FS/°C
Sensitivity tem drift	Typical: ±0.02% FS/°C, Max ±0.05% FS/°C
Operating temperature	-20...80°C
Compensation temperature	-10...70°C
Storage temperature	-40...100°C
Power supply	12-32V DC (Typical 24V)
Output signal	4-20 mA or RS485
Electric protection	Reverse voltage protection, anti-electromagintic interference
Protection level	IP 65
Measurement medium	Gas, Liquid
Pressure connector	M20 X 1.5mm (Other are customized)
Shell	304 Stainless Steel

#### DIMENSIONAL DRAWING



All dimensions are in mm.

ATTENTION: 4-20 mA using LCD  
RS485 using LED

#### ELECTRICAL CONNECTION

4-20mA (two wire)	Power Supply (V+)	Red
	Signal (V-)	Black
RS485 Signal (Four Wire)	Power Positive(V+)	Red
	Power Negative(V-)	Black
	RS485 (S+)	Green
	RS485 (S-)	White

#### ORDERING CODES

<b>1. RANGE</b>		<b>Xb</b>	<b>5 MEDIUM TEMPERATURE</b>		<b>T1</b>
<b>Xb</b>	0-X bar		<b>T1</b>	-20...+80°C	
<b>XM</b>	0-X MPa		<b>6. ELECTRICAL CONNECTION</b>		<b>B</b>
<b>Xk</b>	0-X Kpa		<b>B</b>	Fixed cable	
<b>Xp</b>	0-X psi		<b>C</b>	Waterproof plug	
<b>2. ACCURACY</b>		<b>1</b>	<b>7. OTHER OPTIONS</b>		<b>M1</b>
<b>1</b>	0.5% FS		<b>M1</b>	M20 X 1.5mm (M)	
<b>2</b>	0.25% FS		<b>M2</b>	G1/4" (M)	
<b>3. OUTLET</b>		<b>A</b>	<b>M3</b>	G1/2" (M)	
<b>A</b>	4-20mA		<b>M4</b>	1/2" NPT (M)	
<b>R</b>	RS485		<b>M5</b>	1/4" NPT (M)	
<b>4. POWER</b>		<b>P2</b>	<b>M9</b>	Customized	
<b>P2</b>	24V DC				

**Ordering Example :**  
**MT-P200DG-Xb-1-A-P2-T1-B-M1**