

Model: MX12P-2TT



1/2" Oval gear flow meter designed for a broad range of Industrial Process applications.

- Stainless Steel construction
- FEP - Teflon® encapsulated seals
- Max flow rate 30 LPM / 8 GPM
- Temperatures up to 150°C
- Accuracy +/- 0.5% (0.25% available)
- Available with BSP(Rp) or NPT Process connections
- Suitable for high viscosity fluids

Select a Flowmeter

Step 1.Size

12 (1/2")

Step 2.Family

P series -INDUSTRIAL

Step 3.Process Connection

2 - NPT

Step 4.Rotor Type

T - High Temp

Step 5.Pulsar

T - NPN Open collector (150oC)

Process Connection

Port Size	1/2"
Connection Type	NPT

Material of Construction

Body	316SS
Rotor	316SS
Bushing	Carbon
Seal	FEP (Teflon®)

Technical Specifications

Flow Range	<5cps	>5cps
	3 - 25 LPM	2 - 30 LPM
	0.8 - 6.6 GPM	0.5 - 8 GPM
Max Pressure	13790 kPa	2000 psi
Temperature	-40 - 150°C	-40 - 302°F
K-Factor	Refer to Flowmeter Data Plate	
Accuracy	+/- 0.5% (0.25% available with reduced range)	
Repeatability	+/- 0.03%	

Service Kits

	Part Number	Description
Rotor Kit	MXS-12P-HTrotor	Rotor set and O-ring
Seal Kit	MXS-12P-seal	Meter Cap O-Ring - FEP (Teflon®)

Accessories

SS Y Strainer	YS012-02
Air Eliminator/Strainer	N/A
Wall Mount Adaptor	MXA-12-WM
3 point cal check	MXA-3ptcal
Pressure test	MXA- PRESSTEST

PULSER OUTPUT

TYPE: T



High Temp

The High Temperature Sensor (NPN open collector) is suitable for use in applications with a max. temperature of 150oC

Construction

Material	Stainless Steel	
IP Rating	67	
Mounting	Meter Mount	
Connection	5/8-18 UNF	
Dimensions	Height (mm)	Diameter (mm)
	62 mm	16 mm

Technical Specifications

Switch Type	Pulser - NPN (150oC)	
Approvals	No approvals	
	-	-
Power Supply	Voltage (VDC)	Current (mA)
	Type NPN	18mA
	-	-

Service Kits

Part Number	Description
MXD-TS	MX High Temp Pulser.

