

PUMPS

Flow Transmitters, Totalizers, Sensors & Level Sensors

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Details on page A1.



36Y075



36Y076



36Y077

+GF+ Flow Transmitters

Power input: 12 to 24VDC, regulated
Convert flow sensor signal into a 4-20mA signal for long-distance transmission. Great for flow control and monitoring, filtration or softener regeneration, and feed pump pulsing. RoHS compliant.

Description	Flow Range	Power Req.	Output Type	Mfr. Model	Item No.
Field-Mount	0 to 99999 gpm	12-32V DC	4/20mA	3-9900-1	36Y074
Panel-Mount				3-9900-1P	36Y075
Description	For Use With	Mfr. Model	Item No.		
Angle Adapter		3-9900.396	36Y078		
Battery Module Assembly	Mfr. No. 39900-1P	3-9900.393	36Y076		
Mounting Kit		3-8050.	36Y077		



5NFK7



5MXR7



5MXR8

+GF+ Battery-Powered Flow Totalizers

Digital display indicates flow rate and totaled flow volume simultaneously. Include 1 sensor input. Great for water treatment systems, filtration systems, and process flow monitoring. 5NFK7 and 5NFK8 feature display, adapter, and flow sensor. 5MXR7 and 5MXR8 are display-only units. 5MXR7 is field mounted; 5MXR8 is panel mounted.

Connec. Size	Flow Range	Power Req.	Mfr. Model	Item No.
1/2 in to 4 in	0.95 to 793 gpm	2 AA Size 3.6V Lithium Thionyl Chloride Batteries	3-8150-P0	5NFK7
1/2 in to 8 in	0 to 3000 gpm	3.6V Battery, AA (2)	3-8150-1	5MXR7
1/2 in to 8 in	0 to 3000 gpm	3.6V Battery, AA (2)	3-8150-1P	5MXR8
5 in to 8 in	62 to 3100 gpm	2 AA Size 3.6V Lithium Thionyl Chloride Batteries	3-8150-P1	5NFK8



5MXP5



33Z920

Flow Sensors

5MXP5 and 5MXP6 have the widest range of flow rate and volume measurement in plastic pipes, from 1 gpm in 1/2" pipe to 3,100 gpm in 8" pipe. Open-cell rotor construction ensures linear, repeatable output up to 20 fps, with linearity of ±1% of full scale. 25-ft. cable is standard; transmits up to 200 ft. without amplification. Rated for 220°F at 25 psi, 70°F at 200 psi.

5MXP7 and 5MXP8 are great for low-flow or high electronic noise applications. Insertion-type paddlewheel sensor generates an open-collector (Hall effect) pulse output proportional to flow rate as low as 0.3 fps. Designed for systems ranging in size from 1/2" to 8", with max. velocity of 20 fps. Feature ±1% full-range linearity and ±0.5% repeatability.

Paddlewheel Repair Kits 33Z920 and 33Z921 include paddlewheel rotor, pin, and 2 O-rings.

Description	For Pipe Size	Flow Range	Std.	Mfr. Model	Item No.
Paddlewheel	2 in	0.95 to 793 gpm		P51530-P0	5MXP5
		0.28 to 793 gpm	CE, CUL	3-2536-P0	5MXP7
		62 to 1247 gpm	ROHS, UL	P51530-P1	5MXP6
	5 to 8 in	18 to 3118 gpm		3-2536-P1	5MXP8
Description	Type	Mfr. Model	Item No.		
Paddlewheel Repair Kit	Red Cap	P51550-4	33Z920		
	Blue Cap	3-2536.321-1	33Z921		
Description	Max. Pressure	Mfr. Model	Item No.		
Electronic Flowmeter Plug	180 psi @ 68°F	P31536	5MXP9		



Insertion Tee
5MXT3



Clamp On Saddle
5MXU2

+GF+ Insertion Tees and 2-Pc. Clamp On Saddles

Max. temp.: 140°F
Schedule 80
PVC construction
Insertion Tees feature a slip connection. Clamp On Saddles are 2-pc. and have a max. pressure of 180 psi and EPDM gasket material.

Pipe Size - Pipe Fitting	Item No.	Pipe Size - Pipe Fitting	Item No.
1/2 in 14 in	5MXT3	2 in 4 in	5MXU2
3/4 in 14 in	5MXT4	3 in 5 in	5MXU4
1 in 17 in	5MXT5	4 in 5 in	5MXU5
1 1/2 in 24 in	5MXT7	6 in 5 in	5MXU6
2 in 24 in	5MXT8	8 in 5 in	5MXU7
3 in 24 in	5MXU0		

FLOWLINE

EchoPod Ultrasonic Level Sensors

12U416

- Max. pressure: 30 psi
- Temp. range: 20° to 140°F

Sensors measure liquid height in a specified range, then transfer data to an external device such as a controller, indicator, PLC, or telemetry device. Great for inventory control or process monitoring. Easy to configure—without the need for an input card—using free WebCal software and included USB key fob. Narrow 2" or 3" mounting band allows use in tight spaces. Input: 24VDC (loop), except 12-24VDC/AC for 12U418 and 12-28VDC for 12U419. Type 6P enclosure. Corrosion-resistant PVDF (polyvinylidene fluoride) material with Viton gasket and polycarbonate enclosure. FM Approved for U.S. and Canada. CE Certified. RoHS compliant.

Mounting Range	Accuracy	Res.	Dead Band	Beam Width	Output	Mfr. Model	Item No.	
49.2 in	0.125 in	0.019 in	2 in	2 in	4 to 20mA, 2-Wire	DL10-01	12U414	
49.2 in	0.125 in	0.019 in	2 in	2 in	4 to 20mA and (4) SPST Relays	DL14-01	12U415	
1 in NPT	9.8 ft	+/-0.2% of Range	0.039 in	4 in	2 in	4 to 20mA and (4) SPST Relays	DL24-01	12U416
	49.2 in	0.125 in	0.019 in	2 in	2 in	(4) SPST Relays	DS14-01	12U418
	49.2 in	0.125 in	0.019 in	2 in	2 in	0 to 10V or 976 to 2000Hz, 0 to 5V	DX10-01	12U419
2 in NPT	18 ft	+/-0.2% of Range	0.079 in	8 in	3 in	4 to 20mA and (4) SPST Relays	DL34-01	12U417