

VARIABLE AREA FLOW METER

Z-6500 SERIES

Flow Measurement

& Monitoring



FEATURES

- ✓ Easy to read scale
- ✓ Accuracy $\pm 6\%$ of full scale
- ✓ Complete with piston assembly
- ✓ Rugged construction
- ✓ Built-in spring decreases viscosity sensitive and allow flow meter to be installed in any position
- ✓ Relatively insensitive to shock and vibration
- ✓ Alarm switch is optional

DESCRIPTION

Z-6500 is featuring with unique spring loaded design which decreases viscosity sensitivity and allows the flow meters to be used in any position, including inverted. A precision molded, sharp-edged orifice located within the piston assembly, forms an annular opening with the body. Flow through the meter creates a pressure differential across the sharp-edged orifice, moving the piston against the spring. The piston moves precisely, in direct proportion to the rate of flow. The calibrated spring opposes flow in the forward direction. The rotameter equipped with indicating devices showing high and low limit of the flow.

TECHNICAL FEATURES

Measuring Range	12 to 380 LPM
Tube Material	Polysulfone (PSU)
Connection Material	SS304
Pressure Limit	Max 6 bar
Temperature Limit	Max 100°C
Accuracy	$\pm 6\%$ M.V
Connection	NPT Threaded
Alarm Contact (optional)	High limit - KF951 Low limit - KF952

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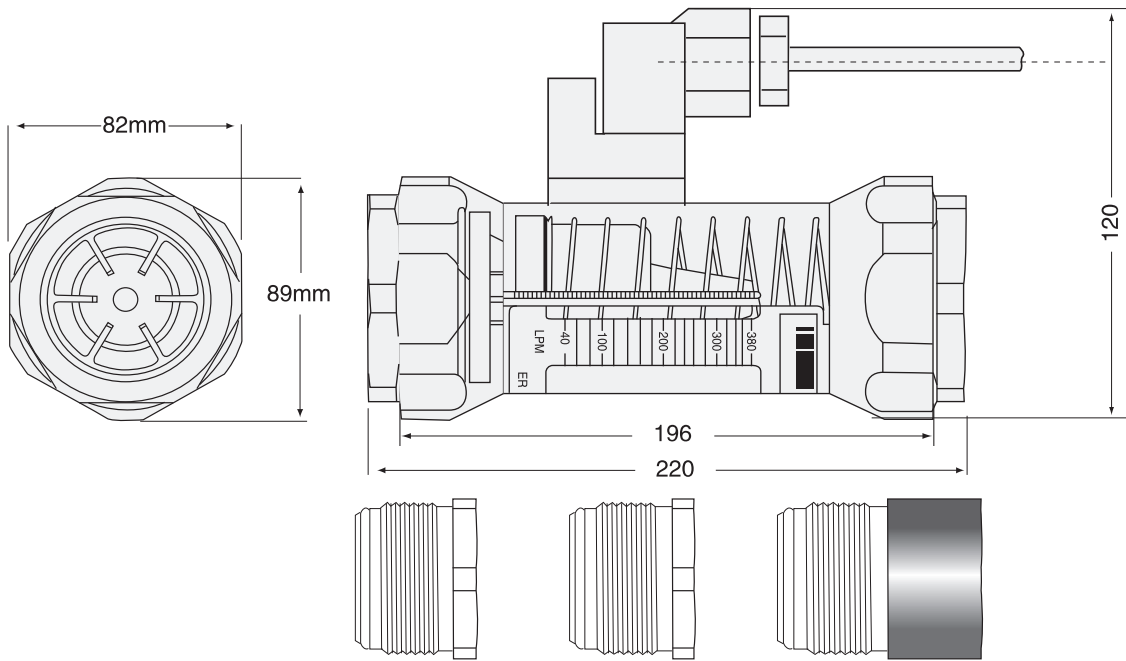
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DIMENSION/DRAWING



CODES AND REFERENCES

Model	Measuring Range (Water)		Thread
	GPM	LPM	
Z-6501	3 - 25	12 - 90	1 ½" F/NPT OR 2" F/NPT
Z-6502	5 - 50	20 - 200	
Z-6503	8 - 80	30 - 280	
Z-6504	10 - 100	40 - 380	

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