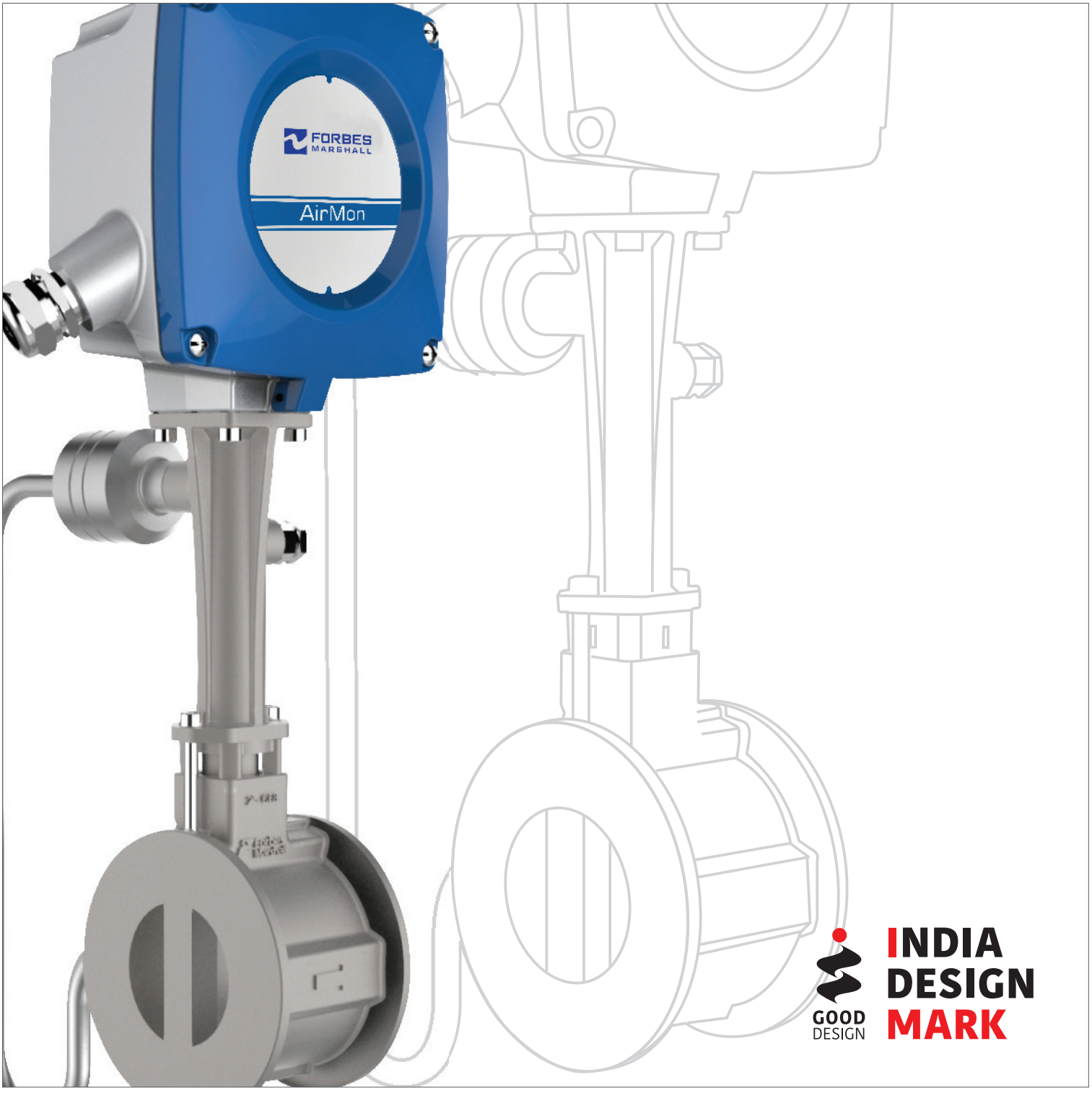
FORBES MARSHALL

AirMon

Cost-Effective Flow Metering for Compressed Air



GOOD DESIGN
INDIA DESIGN MARK

Energy Conservation | Environment | Process Efficiency

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AirMon

Compressed air is the most expensive utility in any plant and therefore monitoring the entire network is of vital importance.

Forbes Marshall's AirMon is an innovative cost-effective solution for monitoring of compressed air on plant lines. Its microprocessor-based electronics features software designed jointly by a team of flow metering and compressed air experts. This gives you the most accurate solution for compressed air utility metering.

AirMon is a vortex flow meter with online pressure and temperature compensation and is the only practical solution for measuring compressed air consumption on distribution lines. It is cost-effective, highly accurate and easy to install.

Features and Benefits

Specialized solution for utility metering of compressed air

High accuracy

Cost effective solution maintenance-free sensor design

Inbuilt pressure and temperature compensation

Helps to monitor and tally the total compressed air consumption

Very helpful in utilization of compressors in an energy efficient manner

Application

AirMon is a 2-wire transmitter specifically designed to measure compressed air flow on distribution lines.

Architecture

AirMon is available in sandwich construction as an integral configuration

Specifications	
Operating pressure	0 – 10 bar
Operating process temperature	60 Deg C
Ambient temperature	-2 to 50 Deg C
Output	4 - 20mA
Unit accuracy	±2%
Density correction	Yes
Inbuilt Display	No
External Display	Yes (FIT)

Material of Construction	
Primary	Investment cast ASTM351 grade CF8
Sensor pick up	SS F316L
Convertor housing	PDC aluminum grade ALSI 132

Configurator

Handheld configurator powered via converter used for factory and field configuration

Certification/Approvals

EMI/EMC

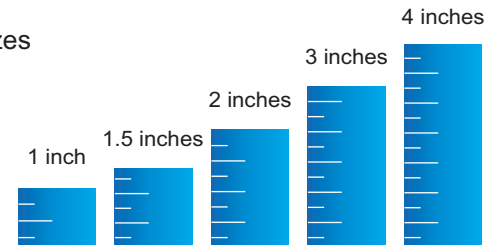
IP65

Vibration

Bump

Variants

Airmon Primary Sizes



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