Pressure Transmitter DF6103

Pressure Transmitter to Military Standard MIL-T-24742 (SH):

- Lightweight but robust design for harsh environments
- Pressure connection 7/16-20UNF-2B conforming to MS16142
- Fixing bracket for ease of installation
- Output signal 4-20mA 2 wire configuration
- Applications include steam, sea water, flue gas, oxygen, fresh water and ammonia
- 12 standard pressure ranges available others on request
- All manufacturing in accordance with ISO 9001:2015
- Cage Code 0TSK1

ESI Part Number	Part Number	NSN	Range
DF6103-6	M24742-R-F-35D-X-DC-A	6685-01-522-5335	4-20mA
DF6103-7	M24742-R-F-33D-X-DC-A	6685-01-522-4585	4-20mA
DF6103-8	M24742-R-F-37E-X-DC-A	6685-01-420-6115	4-20mA
DF6103-12	M24742-R-H-34D-X-DC-A	6685-01-558-5443	4-20mA
DF6103-13	M24742-R-F-38D-X-DC-A	6685-01-558-5438	4-20mA

Advantages:

The DF6103 series of Pressure Transmitters and Transducers are manufactured to meet the requirements of military standard MIL-T-24742 (SH) for naval shipboard and/or military use and provide outstanding reliability and service in the field. ESI has a proven track record for quality and workmanship and long history of supply to demanding defense applications.

With a 4-20mA current or optional 0-5Vdc voltage output signal, and field-adjustable zero and span adjustment, the transducers are constructed using materials which strictly conform to the requirements outlined in the MIL standard. The latest sensing technology combined with a lightweight robust design ensures stability and high performance even in the most difficult conditions. The DF6103 series offers a direct replacement for older MIL-P-24212C (SH) transmitters in service.

Applications for this transmitter are varied and several options are available for use with steam, sea water, flue gas, oxygen, fresh water, ammonia, condensate, nitrogen, liquid hydrocarbons, and inert gases amongst others.

Our strict final inspection procedure ensures each unit meets the technical and physical standards outlined in the specification including accuracy, shock, vibration, humidity, EMC protection, environmental protection, corrosion, and overpressure.

SUCO ESI North America

THE WORLDWIDE SPECIALIST FOR CUSTOMIZED PRESSURE TRANSDUCERS & TRANSMITTERS

SUCO ESI North America has become one of the leading suppliers for specialized pressure sensors by offering bespoke solutions for specific applications.

With a dedicated manufacturing and engineering facility in UK, our company serves an extensive range of major industries such as Defense, Aerospace, Marine, Oil and Gas, Test and Calibration.

Being a key supplier to these industries requires high performance, not only in terms of products, but also from design and sourcing through to shipment and customer service.
ESI's Management System is approved to ISO 9001:2015, and ATEX, IECEx and DNV-GL approval is available on a wide range of products.

Throughout the product range, ESI uses a variety of state of the art sensor technologies to make each product a perfect fit to the desired application. The jewel of ESI's sensor technologies is Silicon on Sapphire, which has redefined the performance capability of pressure monitoring products.

With a wide sales network, SUCO ESI North America is able to deliver its special services globally. If you can't find the suitable solution on our catalog, please do not hesitate to contact the sales team.

We are looking forward to serve you!

Contact Us

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