7MF03403MM015AF2-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	7mf03403mm015af2-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Measuring Cell Filling	Silicone oil
Maximum Measuring Span	5000 mbar
Process Connection Material	Stainless steel 316L/1.4404
Sensor Flange Material	Stainless steel 316/1.4408
Housing Material	Die-cast aluminum

Description

The Siemens 7MF0340-3MM01-5AF2-Z is a SITRANS P320 pressure transmitter designed for precise differential pressure and flow measurements in industrial applications. This model features a measuring cell filled with silicone oil, ensuring reliable performance across a wide range of processes.

With a maximum measuring span of 5000 mbar (2009 inH²O), it accommodates various pressure measurement needs. The transmitter is equipped with an oval flange and fastening thread (M10 for PN160), facilitating secure installation.

Its process connection and seal diaphragms are constructed from stainless steel 316L/1.4404, offering excellent corrosion resistance. The sensor differential pressure process flange is made of stainless steel 316/1.4408 for PN160 applications.

Housed in a durable die-cast aluminum enclosure, the device is designed for dual-chamber operation, enhancing its reliability in demanding environments. It includes a display with a glass window for easy reading of measurements.

The transmitter is certified with a factory certificate (EN 10204-2.2) for wetted parts, ensuring compliance with industry standards. General approvals without Ex approval are available worldwide,

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including CE, UKCA, RCM, CSA, EAC, FM, and KC.

This model is suitable for applications requiring precise pressure and flow measurements, such as in chemical processing, water treatment, and other industrial sectors.

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