7MF0340-3DN01-5BF2-Z

Industrial automation components

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Manufacturer	Siemens
Catalog number	7mf0340-3dn01-5bf2-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Pressure Transmitter
Maximum Measuring Span	600 mbar
Housing Material	Die-cast Aluminum
Diaphragm Material	Stainless Steel 316L/1.4404
Process Flange Material	Stainless Steel 316/1.4408

Description

The Siemens 7MF0340-3DN01-5BF2-Z is a SITRANS P320 pressure transmitter designed for precise differential pressure and flow measurements in industrial applications. This device features a measuring cell filled with silicone oil, ensuring reliable performance across a wide range of pressures.

The transmitter offers a maximum measuring span of 600 mbar (241.1 inH²O), making it suitable for applications requiring high accuracy. Constructed with stainless steel 316L/1.4404 diaphragms and a stainless steel 316/1.4408 process flange, it ensures durability and resistance to corrosive environments.

The die-cast aluminum housing provides robust protection for internal components. Equipped with a display featuring a glass window, the transmitter allows for easy monitoring of measurements. It includes two M20 x 1.5 threaded entries for electrical connections, facilitating straightforward integration into existing systems.

The device complies with ATEX standards, ensuring safe operation in explosive atmospheres. Additionally, it offers intrinsic safety features, enhancing its suitability for hazardous environments. The SITRANS P320 is ideal for applications in chemical processing, oil and gas, and other industries where precise pressure and flow measurements are critical.

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