7MF4433-3BA02-1AB1-Z

Industrial automation components

Add to quote

Ask about this product



Manufacturer	Siemens
Catalog number	7mf4433-3ba02-1ab1-z
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Brand	Siemens
Part Number	7MF4433-3BA02-1AB1-Z
Product Type	Differential Pressure Transmitter
Measuring Range	1 to 20 mbar (0.4 to 8.0 inH2O)
Max Static Pressure	32 bar (464 psi)
Diaphragm Material	Stainless Steel
Process Connection	1/4-18 NPT
Mounting Thread	M10
Housing Material	Die-Cast Aluminum
Flange Bolt Material	Stainless Steel
Explosion Protection	None

Description

The Siemens 7MF4433-3BA02-1AB1-Z is a differential pressure transmitter designed for precise measurement of differential pressure and flow in industrial applications. Part of the SITRANS P DS III series, this device offers a 4-20 mA output signal and supports the HART communication protocol, ensuring reliable integration into various control systems.

It features a measuring cell filled with silicone oil for standard cleaning processes, with a measuring range of 1 to 20 mbar (0.4 to 8.0 inH2O) and a maximum static pressure of 32 bar (464 psi). The diaphragm and parts of the measuring cell are constructed from stainless steel, providing

Automation Trader
960 Capability Green
Luton, Bedfordshire LU1 3PE
VAT ID: PL6463009354
REGON: 527345886
DUNS: 427734105
BDO: 000726360

Phone
+44 7418 359 399

Email
info@automationtrader.com

Generated on demand. The PDF file is not stored on the server.

durability and resistance to corrosion.

The process connection is a 1/4-18 NPT thread, and the mounting thread is M10, facilitating easy installation. The housing is made of die-cast aluminum, with process flange bolts crafted from stainless steel, ensuring robust construction.

This model does not include explosion protection and features a cable gland M20 x1.5 for electrical connection. The digital display is concealed, with settings accessible via the mA output. This transmitter is ideal for applications requiring accurate pressure and flow measurements in gases and liquids, such as in chemical processing, water treatment, and HVAC systems.