225696

Industrial automation components

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Manufacturer	Pepperl+Fuchs
Catalog number	225696
Category	Industrial automation components
Product type	Industrial automation components
Status	Active product

Technical specification

Product Type	Universal Temperature Transmitter
Supply Voltage	24 V DC
Control Side Signal Output	0/4 ... 20 mA
Housing Width	12.5 mm
Ambient Temperature Range	-20 ... 70 °C (-4 ... 158 °F)

Description

The Pepperl+Fuchs 225696 is a universal temperature transmitter designed for industrial applications requiring precise temperature measurement and signal conversion. This device offers intrinsically safe circuits suitable for equipment protection levels Ga, Gb, Gc, Da, Db, Dc, Ma, and Mb, ensuring safe operation in hazardous environments.

It is compatible with various temperature sensors, including thermocouples, resistance thermometers, and potentiometers, providing flexibility in sensor selection. The transmitter operates with a supply voltage of 24 V DC and features a control side signal output of 0/4 ...

20 mA, either as a current source or sink, facilitating seamless integration into existing control systems. Its compact housing, with a width of 12.5 mm, allows for efficient use of panel space, and it operates within an ambient temperature range of -20 ...

70 °C (-4 ... 158 °F), making it suitable for diverse industrial settings. The device also includes line fault monitoring, enhancing system reliability.

For detailed specifications and installation guidelines, refer to the manufacturer's datasheet.

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