



Beckhoff - FM Thermocouplers

FM3312-B110-0210



AUTOMATION
FACTORY

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- ☒ Get a Quote in 5 minutes
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- ☒ Up to half the cost of the manufacturer



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One Year
Warranty

The **FM3312-B110-0210** is a part of the **FM Thermocouplers Series** by **Beckhoff**.

Specifications

Fieldbus:	EtherCAT	Data Transfer Rates:	100 Mbit/s	Configuration Possibility:	via the controller
Connection:	fieldbus: 2 x M12 socket, 4-pin (D-coded), thermocouples: industrial plug-in connection (Han24E), 2-wire connection type J, mV measurement	Number Of Channels:	12 thermocouple channels	Cable Length:	max. 30 m
Sensor Types:	approx. 250 ms	Measuring Range:	type J: -10/+900°C	Resolution:	0.1°C per digit
Conversion Time:	24 V DC (-15%/+20%), feed: 1 x M8 plug, 4-pin; downstream connection: 1 x M8 socket, 4-pin	Measurement Error/uncertainty:	< ±0.5% (of the full scale value)	Input Filter:	5 variations, configurable
Power Supply:	01/28/2025 11:40 PM	Current Consumption:	typ. 120 mA/max. 150 mA	UL:	Approved

Contact Us

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Shipping Options



Payment Methods

