

TM311-2F91/0 Cut Sheet



Endress+Hauser iTHERM temperature sensor/transmitter, Pt100 RTD, M12 probe, 0 to 150 deg C, 100mm insertion length, 6mm probe diameter, 1/2in male NPT process connection, Output: 1-channel, current/IO-Link, 4-pin M12 quick-disconnect.

For complete product information, please see this item on our store at the following link:



<https://www.automationdirect.com/pn/TM311-2F91/0>

Technical Specifications

Brand	Endress+Hauser	Output Current Signal Range	4-20 mA
Item	Temperature sensor/transmitter	Operating Voltage	15-30 VDC
Series	ITHERM	Electrical Connection	4-pin M12 quick-disconnect
Sensor Element	Pt100 RTD	Temperature Sensing Range	0 to 150 deg C
Sensor Type	M12 probe	Communication Port and Connection Type(s)	(1) 4-pin M12 A-coded (IO-Link) port(s)
Media Type	Liquid, water, oil, chemicals, gases and air	Port Protocol(s)	IO-Link Class A Device
Accuracy	Class A accuracy	Port Speed(s)	IO-Link COM2
Insertion Length	100mm	IO-Link Version	IO-Link SSP Ed.2 v1.1
Probe Diameter	6mm	Standard I/O Mode Supported	Yes
Sheath Material	316L stainless steel	IP Rating	IP66, IP67 and IP69
Process Connection	1/2in male NPT	Additional Information	Purchase cable separately
Number Of Output Channels	1	Manufacturer Part Number	TM311-CAC0BG6BBX1A1
Output	Current/IO-Link		

Agency Approvals

UL Listed File #	None
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	200600
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document