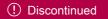# Product data sheet

Specifications

Modicon Momentum - Conformal coating - Fipio communication adaptor

170FNT11001C

⚠ **Discontinued on:** Jun 30, 2022

⚠ **End-of-service on:** Jul 20, 2022

⚠ **Discontinued**

Main

Range Of Product	Modicon Momentum automation platform
Product Or Component Type	Fipio communication adaptor
Bus Manager Plc	Premium
Structure Type	Open industrial support conforming to Fip standard
Communication Port Protocol	Fipio
Method Of Access	Producer/consumer principle
Transmission Rate	1 Mbit/s
Transmission Support Medium	Optical fibre 62.5/125 Optical fibre 50/125 Twisted shielded pairs cable

Complementary

Topology	Extension or tap off cable
Number Of Devices Per Segment	0…31 per segment without repeater 0…97 all segment with repeater
Maximum Cable Distance Between Devices	16404.20 ft (5000 m)
Fail State	Maintain value Fallback to zero Forcing to state zero Full scale value
Supply	From I/O base
Marking	CE
Local Signalling	Module powered up or in service (RUN) 1 LED green) Fault state (ERR) 1 LED red) Recieve or send data (COM) 1 LED yellow)
Net Weight	0.24 lb(US) (0.11 kg)

Environment

Product Certifications	CSA CE UL
Protective Treatment	Conformal coating Humiseal 1A33 TC
Resistance To Electrostatic Discharge	4 kV contact IEC 801-2 8 kV on air IEC 801-2
Resistance To Electromagnetic Fields	9.14 V/yd (10 V/m) 80...1000 MHz IEC 801-3

Ambient Air Temperature For Operation	32…140 °F (0…60 °C)
Ambient Air Temperature For Storage	-40…185 °F (-40…85 °C)
Relative Humidity	95 % without condensation
Operating Altitude	<= 5000 m

Contractual warranty

Warranty	18 months

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Sustainability

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Guide to assessing product sustainability is a white paper that clarifies global eco-label standards and how to interpret environmental declarations.

Learn more about Green Premium >

Guide to assess a product's sustainability >

Well-being performance

✅ Mercury Free

✅ Rohs Exemption Information   Yes

Eu Rohs Directive   Pro-active compliance (Product out of EU RoHS legal scope)

          EU RoHS Declaration