



## Main

Range of product	Modicon M221
Product or component type	Analogue output cartridge
Product compatibility	Modicon M221C

## Complementary

Analogue output number	2
Analogue output type	Voltage (0...10 V)
Analogue output resolution	12 bits
LSB value	2.44 mV voltage, output range: 0...10 V
Load type	Resistive
Load impedance ohmic	$\geq 2 \text{ k}\Omega$
Conversion time	20 ms
Stabilisation time	40 ms
Absolute accuracy error	+/- 0.3 % of full scale 77 °F (25 °C) +/- 1 % of full scale
Temperature drift	+/- 0.02 %FS/°C
Repeat accuracy	+/- 0.4 %FS
Non-linearity	+/- 0.01 %FS
Cross talk	$\leq 1 \text{ LSB}$
Type of cable	Twisted shielded pairs cable
Electrical connection	2 screw terminal blocks (pitch 3.81 mm) 1.5 mm <sup>2</sup> 3 for outputs
Cable distance between devices	Twisted shielded pairs cable: 30 m for output
Insulation	Non-insulated between analogue output and internal logic
Height	1.61 in (41 mm)
Depth	0.59 in (15 mm)
Width	1.38 in (35 mm)
Product weight	0.03 lb(US) (0.015 kg)

## Environment

immunity to microbreaks	10 ms
-------------------------	-------

## Offer Sustainability

Green Premium product	Green Premium product
Compliant - since 1415 - Schneider Electric declaration of conformity	Compliant - since 1415 - Schneider Electric declaration of conformity
Reference not containing SVHC above the threshold	Reference not containing SVHC above the threshold
Available	Available
Available	Available
WARNING: This product can expose you to chemicals including:	WARNING: This product can expose you to chemicals including:
Lead and lead compounds, which is known to the State	Lead and lead compounds, which is known to the State of California to cause cancer

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

of California to cause cancer and birth defects or other reproductive harm. and birth defects or other reproductive harm.

For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov) For more information go to [www.p65warnings.ca.gov](http://www.p65warnings.ca.gov)