

# Product data sheet

Specifications



## counter module - 1 HSC incremental - 4 MHz

TM5SE1IC20005

**Product availability: Stock - Normally stocked in distribution facility**

**Price\*: 930.00 USD**

### Main

Range Of Product	Modicon TM5
Product Or Component Type	Counter module
Function Of Module	2 x 24 V DC RS422 sink auxiliary inputs 24 V DC encoder power supply
Discrete Input Number	2
Counting Frequency	4 MHz
Encoder Type	1 incremental encoder

### Complementary

Range Compatibility	PacDrive LMC Eco PacDrive LMC Pro PacDrive LMC Pro2
Product Compatibility	Motion controller
Counter Inputs Resolution	16 bits/32 bits
Maximum Cycle Time	2 ms
Isolation	500 Vrms AC insulation between channel and bus
Discrete Input Logic	Sink
Discrete Input Voltage	24 V DC
Discrete Input Current	24 V
Input Filtering	<= 200 ms
Current Consumption	2 mA 5 V DC bus 63 mA 24 V DC input/output
Maximum Power Dissipation In W	1.51 W
Marking	CE
Net Weight	0.06 lb(US) (0.025 kg)

### Environment

Standards	UL 508 CSA C22.2 No 142 CSA C22.2 No 213 IEC 61131-2
Product Certifications	cULus C-tick GOST-R CSA

Price is "List Price" and may be subject to a trade discount – check with your local distributor or retailer for actual price.

<b>Ambient Air Temperature For Operation</b>	32...131 °F (0...55 °C) without derating horizontal installation 32...140 °F (0...60 °C) with derating factor horizontal installation) 32...122 °F (0...50 °C) vertical installation)
<b>Ambient Air Temperature For Storage</b>	-13...158 °F (-25...70 °C)
<b>Relative Humidity</b>	5...95 % without condensation
<b>Ip Degree Of Protection</b>	IP20IEC 61131-2
<b>Pollution Degree</b>	2 IEC 60664
<b>Operating Altitude</b>	0...6561.68 ft (0...2000 m)
<b>Storage Altitude</b>	0.00...9842.52 ft (0...3000 m)
<b>Vibration Resistance</b>	1 gn 8.4...150 Hz DIN rail 3.5 mm 5...8.4 Hz DIN rail
<b>Shock Resistance</b>	15 gn 11 ms
<b>Resistance To Electrostatic Discharge</b>	4 kV on contact EN/IEC 61000-4-2 8 kV in air EN/IEC 61000-4-2
<b>Resistance To Electromagnetic Fields</b>	0.91 V/m (1 V/m) 2...2.7 GHz EN/IEC 61000-4-3 9.14 V/m (10 V/m) 80...2000 MHz EN/IEC 61000-4-3
<b>Resistance To Fast Transients</b>	1 kV EN/IEC 61000-4-4 I/O) 1 kV EN/IEC 61000-4-4 shielded cable) 2 kV EN/IEC 61000-4-4 power lines)
<b>Surge Withstand</b>	0.5 kV differential mode EN/IEC 61000-4-5 1 kV common mode EN/IEC 61000-4-5
<b>Electromagnetic Compatibility</b>	EN/IEC 61000-4-6
<b>Disturbance Radiated/Conducted</b>	CISPR 11

## Ordering and shipping details

<b>Category</b>	22532-M258 PLC
<b>Discount Schedule</b>	PC12
<b>Gtin</b>	3606481276391
<b>Returnability</b>	No
<b>Country Of Origin</b>	FR

## Packing Units

<b>Unit Type Of Package 1</b>	PCE
<b>Number Of Units In Package 1</b>	1
<b>Package 1 Height</b>	0.79 in (2.000 cm)
<b>Package 1 Width</b>	2.36 in (6.000 cm)
<b>Package 1 Length</b>	3.98 in (10.100 cm)
<b>Package 1 Weight</b>	1.38 oz (39.000 g)
<b>Unit Type Of Package 2</b>	S01
<b>Number Of Units In Package 2</b>	45
<b>Package 2 Height</b>	5.91 in (15.000 cm)
<b>Package 2 Width</b>	5.91 in (15.000 cm)
<b>Package 2 Length</b>	15.75 in (40.000 cm)
<b>Package 2 Weight</b>	4.41 lb(US) (2.002 kg)

## Sustainability

**Green Premium™ label** is Schneider Electric's commitment to delivering products with best-in-class environmental performance. Green Premium promises compliance with the latest regulations, transparency on environmental impacts, as well as circular and low-CO<sub>2</sub> products.

**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 >](#)



Transparency RoHS/REACH

## Well-being performance

Mercury Free

RoHS Exemption Information Yes

## Certifications & Standards

Reach Regulation [REACH Declaration](#)

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

China RoHS Regulation [China RoHS declaration](#)

Environmental Disclosure [Product Environmental Profile](#)

Circularity Profile [End of Life Information](#)