

## INDUSTRIAL COMPONENT DATA

# SMU02M-12 MEANWELL DC-DC UnRegulated Single Output Converter, Output 12VDC / 0.167A, 1500VDC I/O isolation, ..

Brand: MEANWELL | Manufacturer Part Number: SMU02M-12



|                 |                 |
|-----------------|-----------------|
| Manufacturer    | MEANWELL        |
| MPN / Reference | SMU02M-12       |
| Catalog number  | SMU02M-12       |
| Category        | DC / DC CIRCUIT |
| Minimum order   | 1 unit          |
| Document ID     | EO-E49B5B47C0   |
| Generated       | 2026-08-05      |

## Product Overview

SMU02M-12 MEANWELL DC-DC UnRegulated Single Output Converter, Output 12VDC / 0.167A, 1500VDC I/O isolation, ..

## STRUCTURED PRODUCT DATA

## Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

## Classification & Catalog Path

Catalog path MEANWELL &gt; DC / DC CIRCUIT

## Additional Product Information

## Details

DC/DC converter to the printed circuit board in format SIP and isolation of 1500Vcc, not regulated.

EMI filter with built-in technology internal SMD.

FormatSIPfor printed circuit boards.

Input range10,8-13,2Vcc.

Output voltage12vdc.

Output intensity33-167mA.

Power:2W.

Efficiency typical:85%.

Low noise and ripple 60mVp-p.

Working temperature: from-40up+85 ° Cof ambient temperature. Consult the technical data sheet to see the curves of drift.

Dimensions (Length x Width x Height) [mm]:At 11.6 x 7.5 x 10,14.

2 years of warranty.

Manufacturer: MEAN WELL.

The new series SMU02 are converters 2W isolated in the format SIP, without additional components and have a wide range

of temperature operation, and isolation between input and output of 1500Vcc. Are protected against overloads and short-circuits.

Certificate CE/FCC.

Additional information

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## REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send MEANWELL / SMU02M-12 with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

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