



Schlüsselweite 32 mm
wrench size 32 mm

All dimensions are in mm; tolerances according to ISO 2768 m-H

Component

Powersystem Port 12V Pro for use with

Magcode Powersystem Clip 12V Pro M2K203-1AE
MagCode spring loaded cover M2Z101-3XX

Documents

Assembly instruction
Panel piercing

MA_M2V002
MB_378

Material and plating

Parts

Housing
Spacer (2)
Nut
Pins interface area

Material

PBT ASA GF20
PBT ASA GF20
PBT ASA GF20
CuSn6

Plating

none
none
none
PdNi, 2-3µm

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RF_35/05:10/6.0

PowerSystem

M2S103-3XX



POWERSYSTEM
PORT 12V PRO

Electrical data

Connection Technology cable
 Rated voltage 12 V DC
 Max current load 25 A at +70°C

Mechanical data

Locking mechanism with port M2S101-3xx magnetic
 Mounting cut-out Ø 28mm (M28)
 Duty cycles without load >10000 cycles
 Duty cycles at 15A 4000 cycles
 Vibration resistance 3 axes, 8h, 5Hz-200Hz, 8,5m/s²
 Shock resistance 3 axes, 13000 shocks, 11ms. 30g
 Tightening torque 1,5 Nm +/- 0,3 Nm

Environmental data

Temperature range -40°C to +105°C
 Dust and water resistance (front side) IP6K9K
 Dust and water resistance (connection side) IP5K0

Packing

Standard Bulk
 Weight ~ 26,9g

While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.

| Draft | Date | Approved | Date | Rev. | Engineering change number | Name | Date |
|-------------|----------|-----------|----------|------|---------------------------|------------|----------|
| Axel Botsch | 30/07/09 | W. Lankes | 20/11/12 | c00 | 12-1019 | M. Mueller | 20/11/12 |