



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  
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CuSn6

**Plating**

none  
none  
none  
PdNi, 2-3µm

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RF\_35/05:10/6.0

# Technical Data Sheet

# Rosenberger

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/s<sup>2</sup>  
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
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