



PSC1-E-21-SDM1

- 12 digital fail-safe inputs
- supports encoder: TTL, sin/cos, SSI
- Expansion module for the product series PSC1-C-100
- Safe drive monitoring according to EN 61800-5-2 (SDM - Safe Drive Monitoring) for 1 axis

Data

Ordering data

	PSC1-E-21-SDM1
	103008460
EAN (European Article Number)	4030661455211
eCl@ss number, Version 9.0	27-37-18-19

Approval - Standards

TÜV
cULus
EAC

General data

Product name	PSC1
Terminal (mechanical)	Removable screw terminals
Gross weight	277.6 g

General data - Features

Number of digital fail-safe inputs	12
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Safety appraisal

Performance level, up to	e
Control category to EN13849	4
Safety Integrity Level (SIL), applicable for	3
Mission Time	20 Year(s)

Mechanical data

Mounting can be clipped into standard rail

Mechanical data - Connection technique

	0.2 mm ²
	2.5 mm ²
Wire cross-section, minimum	24 AWG
Wire cross-section, maximum	12 AWG

Mechanical data - Dimensions

Width	22.5 mm
Height	100 mm
Depth	115 mm

Ambient conditions

	IP20
Ambient temperature, minimum	+0 °C
Ambient temperature, maximum	+50 °C
Storage and transport temperature, minimum	-25 °C
Storage and transport temperature, maximum	+70 °C
Relative humidity, minimum	5 %
Relative humidity, maximum	85 %
Note (Relative humidity)	non-condensing
Zulässige Aufstellhöhe über NN, maximum	2,000 m

Ambient conditions - Insulation value

III
2

Electrical data

Operating voltage, minimum	20.4 VDC
Operating voltage, maximum	28.8 VDC

Electrical data - Electromagnetic compatibility (EMC)

DIN EN 62061
DIN EN 61800-3
DIN EN 61000-6-4
DIN EN 61000-6-7
DIN EN 61326-3
DIN EN 61000-6-2

Electrical data - Spindle monitoring

Number of axis monitoring, max.	1
	SSI
	TTL
	SINCOS

Scope of delivery

Included in delivery	Backplane bus connector
	Connector terminals

Pictures

Photo/Product/Catalogue



ID: kpsc1f23

| 186,0 kB | .png | 74.083 x 243.417 mm - 210 x 690

Pixel - 72 dpi

| 962,8 kB | .jpg | 190.147 x 625.122 mm - 539 x 1772

Pixel - 72 dpi

K.A. Schmersal GmbH & Co. KG, Möddinghofe 3, D-42279 Wuppertal

The details and data referred to have been carefully checked. Images may diverge from original. Further technical data can be found in the manual. Technical amendments and errors possible.

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