



PSC1-E-22-SDM1-2

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

Data

Ordering data

	PSC1-E-22-SDM1-2
	103008461
EAN (European Article Number)	4030661455228
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	405.1 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	45 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
	HTL
	TTL
	SINCOS
	Resolver

Scope of delivery

Included in delivery	Backplane bus connector
	Connector terminals

Pictures

Photo/Product/Catalogue



ID: kpsc1f25

| 112,1 kB | .png | 74.083 x 146.756 mm - 210 x 416

Pixel - 72 dpi

| 1,6 MB | .jpg | 315.383 x 625.122 mm - 894 x 1772

Pixel - 72 dpi

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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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