

Datasheet - PFB-IOP-4M12-IOP

Input expander / PFB



- For parallel IO devices
- Passive field box for series-wiring
- For devices with M12 Connector, 8-pole
- For up to 4 safety switchgears
- Fuse protected device ports
- Heavy duty version for field installation
- Protection class IP67

(Minor differences between the printed image and the original product may exist!)

Ordering details

| | |
|--------------------------|------------------|
| Product type description | PFB-IOP-4M12-IOP |
| Article number | 103013573 |
| EAN Code | |
| eCl@ss | |

Approval

Approval



Global Properties

| | |
|----------------------------|----------------------------|
| Permanent light | PFB |
| Application | For parallel IO devices |
| Standards | IEC 60947-1 |
| Materials | |
| - Material of the housings | Plastic, Polyamide PA 6 GF |
| Weight | 365 |

Mechanical data

| | |
|---------------------------------|-----------------------------------|
| Design of electrical connection | M12 connector socket / -Connector |
| resistance to shock | 30 / 11 |

Resistance to vibration

10 ... 150 HZ, Amplitude 0,35 mm

Ambient conditions

Ambient temperature

- Min. environmental temperature -20
- Max. environmental temperature +65

Storage and transport temperature

- Min. Storage and transport temperature -40
- Max. Storage and transport temperature +70

Relative humidity

10 ... 95, non-condensing

Protection class

IP67

Protection rating

III

Insulation values to IEC 60664-1

- Rated impulse withstand voltage 0,8
- Rated insulation voltage 32 VDC
- Overvoltage category III
- Degree of pollution 3

Electrical data

Supply voltage

24 VDC -15% / +10% (stabilised PELV)

Rated operating voltage

24 VDC

Operating current

- Passive distribution module (External fuse protection required) 10 A
- Device connection (Internal fuse protection present) 1.5 A

LED switching conditions display

LED switching conditions display (Y/N)

Yes

Number of LED's

9

ATEX

Explosion protection Zones for gases

None

Explosion protection Zones for dusts

None

Dimensions

Dimensions

- Width 63
- Height 156.6
- Depth 36.1

Documents

Operating instructions (es) 887 kB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_es

Operating instructions (it) 886 kB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_it

Operating instructions (pt) 886 kB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_pt

Operating instructions (cn) 1 MB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_cn

Operating instructions (de) 825 kB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_de

Operating instructions (nl) 884 kB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_nl

Operating instructions (en) 824 kB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_en

Operating instructions (pl) 884 kB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_pl

Operating instructions (fr) 885 kB, 08.01.2019

Code: mrl_pfb-iop-4m12-iop_fr

Brochure (pt) 1 MB, 11.01.2017

Code: b_installationssysteme_pt

Brochure (it) 1 MB, 01.03.2018

Code: b_installationssysteme_it

Brochure (fr) 1 MB, 01.03.2018

Code: b_installationssysteme_fr

Brochure (en) 1 MB, 28.02.2018

Code: b_installationssysteme_en

Brochure (de) 1 MB, 28.02.2018

Code: b_installationssysteme_de

Brochure (es) 1 MB, 01.03.2018

Code: b_installationssysteme_es

Images

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The data and values have been checked thoroughly. Technical modifications and errors excepted.

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