

## Power Feed Module M-LB-5300

- Supply current 1 A
- Internal fuse
- Fault indication via LED
- Mounting on base module, pluggable

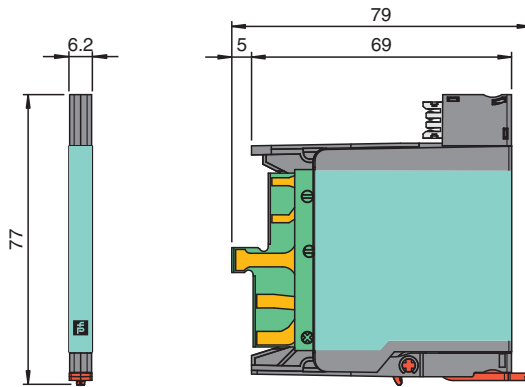
### Power Feed Module



### Function

The power feed module supplies the Universal Power Rail with voltage.  
 The device can supply up to 120 modules.  
 The device has LEDs for indicating supply and fault.  
 The device is plugged onto the base module and, together with the base module, forms the power supply.  
 The device can be replaced without tools by a locking lever.

### Dimensions



### Technical Data

#### Supply

|            |  |
|------------|--|
| Connection | terminals 3+, 4-<br>cable specification of the base module in conjunction with the power feed module:<br>- cable length: max. 10 m<br>- core cross-section: min. 1 mm <sup>2</sup> |
|------------|--|

|               |       |                |
|---------------|-------|----------------|
| Rated voltage | $U_r$ | 19 ... 30 V DC |
|---------------|-------|----------------|

|        |      |
|--------|------|
| Fusing | 2 AT |
|--------|------|

#### Electrical specifications

|                   |       |
|-------------------|-------|
| Power dissipation | 0.4 W |
|-------------------|-------|

#### Output

|            |                                     |
|------------|-------------------------------------|
| Connection | via Universal Power Rail M-UPR-03-S |
|------------|-------------------------------------|

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Refer to "General Notes Relating to Pepperl+Fuchs Product Information".

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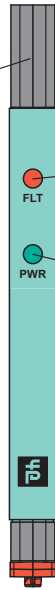
## Technical Data

|  |   |
|--|---|
| Output rated operating current                                 | 1 A   |
| Output voltage   | 24 V DC   |
| <b>Indicators/settings</b>                                     |   |
| Display elements   | LED PWR (power supply), green LED<br>LED FLT (fault signal), red LED  |
| <b>Directive conformity</b>                                    |   |
| Electromagnetic compatibility                                  |   |
| Directive 2014/30/EU   | EN 61326-1:2013 (industrial locations)  |
| <b>Conformity</b>  |   |
| Degree of protection   | IEC 60529:2013  |
| <b>Ambient conditions</b>                                      |   |
| Ambient temperature  | -40 ... 60 °C (-40 ... 140 °F)  |
| Storage temperature  | -40 ... 85 °C (-40 ... 185 °F)  |
| Relative humidity  | max. 95 % , without condensation  |
| <b>Mechanical specifications</b>                               |   |
| Degree of protection   | IP20  |
| Mass   | approx. 20 g  |
| Dimensions   | 6.2 x 77 x 79 mm  |
| Mounting   | pluggable in base module for mounting on 35 mm DIN mounting rail  |
| <b>Data for application in connection with hazardous areas</b> |   |
| Certificate  | BVS 17 ATEX E 070 X   |
| Marking  | ⊕ II 3G Ex ec IIC T4 Gc   |
| Directive conformity   |   |
| Directive 2014/34/EU   | EN 60079-0:2012+A11:2013 , EN 60079-7:2015  |
| <b>International approvals</b>                                 |   |
| IECEx approval   |   |
| IECEx certificate  | IECEx BVS 17.0061X  |
| IECEx marking  | Ex ec IIC T4 Gc   |
| <b>General information</b>                                     |   |
| Supplementary information                                      | Observe the certificates, declarations of conformity, instruction manuals, and manuals where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> . |

**Assembly**

**Front view**

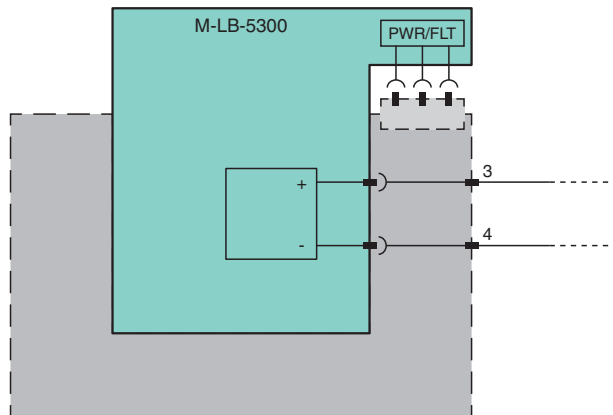
Connection  
Status indication output



LED red:  
Fault






LED green:  
Power supply

**Connection**



Zone 2















**Matching system components**

|   |                     |  |
|---|---------------------|--|
|  | <b>M-LB-5000</b>    | Base module for non-intrinsically safe protection modules or function modules                        |
|  | <b>M-LB-5000.SP</b> | Base module for non-intrinsically safe protection modules or function modules, with spring terminals |
|  | <b>M-UPR-03-S</b>   | Universal Power Rail, 3 conductors, length: 0.8 m  |
|  | <b>M-LB-Ex-5212</b> | Protection module for 2 signal lines   |
|  | <b>M-LB-5211</b>    | Protection module for 1 signal line  |


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## Matching system components

|   |                     |                                      |
|---|---------------------|--------------------------------------|
|    | <b>M-LB-5243</b>    | Protection module for 1 signal line  |
|    | <b>M-LB-5242</b>    | Protection module for 2 signal lines |
|    | <b>M-LB-5241</b>    | Protection module for 1 signal line  |
|    | <b>M-LB-5214</b>    | Protection module for 2 signal lines |
|    | <b>M-LB-5213</b>    | Protection module for 1 signal line  |
|    | <b>M-LB-Ex-5211</b> | Protection module for 1 signal line  |
|    | <b>M-LB-Ex-5213</b> | Protection module for 1 signal line  |
|    | <b>M-LB-5212</b>    | Protection module for 2 signal lines |
|    | <b>M-LB-Ex-5244</b> | Protection module for 2 signal lines |
|  | <b>M-LB-5244</b>    | Protection module for 2 signal lines |
|  | <b>M-LB-Ex-5214</b> | Protection module for 2 signal lines |
|  | <b>M-LB-Ex-5242</b> | Protection module for 2 signal lines |
|  | <b>M-LB-Ex-5243</b> | Protection module for 1 signal line  |
|  | <b>M-LB-Ex-5241</b> | Protection module for 1 signal line  |

## Accessories

|   |                |  |
|---|----------------|--|
|  | <b>M-UPR-I</b> | Separation wall for universal power rail |
|---|----------------|--|