

**FP TGD 8X4A 2P A IOL****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)**NEC**  
**Class 2**

The electronic load monitoring system topGUARD is integrated in the outlet boxes. The loads that can be connected via M12 connectors are thus individually monitored and switched off if necessary.

**General ordering data**

|            |                            |
|------------|----------------------------|
| Order No.  | <a href="#">2743480000</a> |
| Type       | FP TGD 8X4A 2P A IOL       |
| GTIN (EAN) | 4064675061045              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|            |         |                 |            |
|------------|---------|-----------------|------------|
| Depth      | 155 mm  | Depth (inches)  | 6.102 inch |
| Height     | 196 mm  | Height (inches) | 7.717 inch |
| Width      | 196 mm  | Width (inches)  | 7.717 inch |
| Net weight | 2,000 g |                 |            |

## Temperatures

|                             |                                                       |                       |                                           |
|-----------------------------|-------------------------------------------------------|-----------------------|-------------------------------------------|
| Storage temperature         | -10 °C...60 °C                                        | Operating temperature | -20 °C...45 °C                            |
| Operating temperature range | -20 °C ... +45 °C (regard derating) Start up ≥ -40 °C | Humidity              | 35...85%, non condensing and non freezing |

## Environmental Product Compliance

|            |                                                                                                                                         |      |                                    |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------|
| REACH SVHC | Lead 7439-92-1, Terphenyl, hydrogenated 61788-32-7, 4,4'-isopropylidenediphenol 80-05-7, Potassium perfluorobutane sulfonate 29420-49-3 | SCIP | 4fbedcbe-7ffa-4e3c-856c-9cb6aea057 |
|------------|-----------------------------------------------------------------------------------------------------------------------------------------|------|------------------------------------|

## Input

|                     |         |                     |      |
|---------------------|---------|---------------------|------|
| Input voltage, max. | 30 V    | Input voltage, min. | 18 V |
| Rated input voltage | 24 V DC |                     |      |

## Output

|                             |     |
|-----------------------------|-----|
| Rated current (per channel) | 4 A |
|-----------------------------|-----|

## General data

|                        |                                           |                       |                |
|------------------------|-------------------------------------------|-----------------------|----------------|
| Humidity               | 35...85%, non condensing and non freezing | Operating temperature | -20 °C...45 °C |
| Surge voltage category | III                                       |                       |                |

## Insulation coordination

|                        |     |
|------------------------|-----|
| Surge voltage category | III |
|------------------------|-----|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002057    | ETIM 7.0    | EC002057    |
| ETIM 8.0    | EC002057    | ECLASS 9.0  | 27-37-10-16 |
| ECLASS 9.1  | 27-37-10-16 | ECLASS 10.0 | 27-37-10-16 |
| ECLASS 11.0 | 27-37-10-16 | ECLASS 12.0 | 27-37-10-16 |

## Approvals

Approvals



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# Technical data

## Downloads

|                                             |                                                                                                                   |
|---------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Approval/Certificate/Document of Conformity | <a href="#">CE Declaration of Conformity Fieldpower® PROtop and topGUARD</a>                                      |
| Engineering Data                            | <a href="#">CAD data – STEP</a>                                                                                   |
| User Documentation                          | <a href="#">Manual FieldPower® PROtop and topGUARD size 2</a><br><a href="#">Manual FieldPower® PT6 IEC cURus</a> |
| Catalogues                                  | <a href="#">Catalogues in PDF-format</a>                                                                          |

## FP TGD 8X4A 2P A IOL

**Weidmüller Interface GmbH & Co. KG**

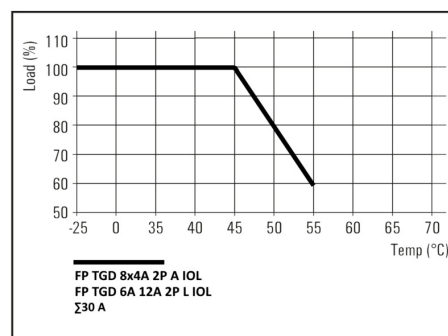
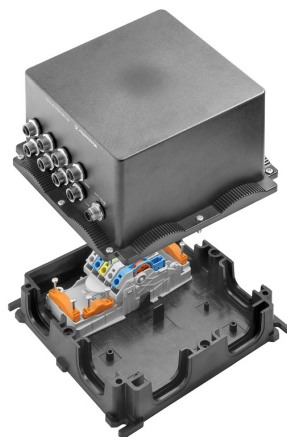
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## Drawings



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