

# FO Splice Box in Stainless Steel with Return Flange

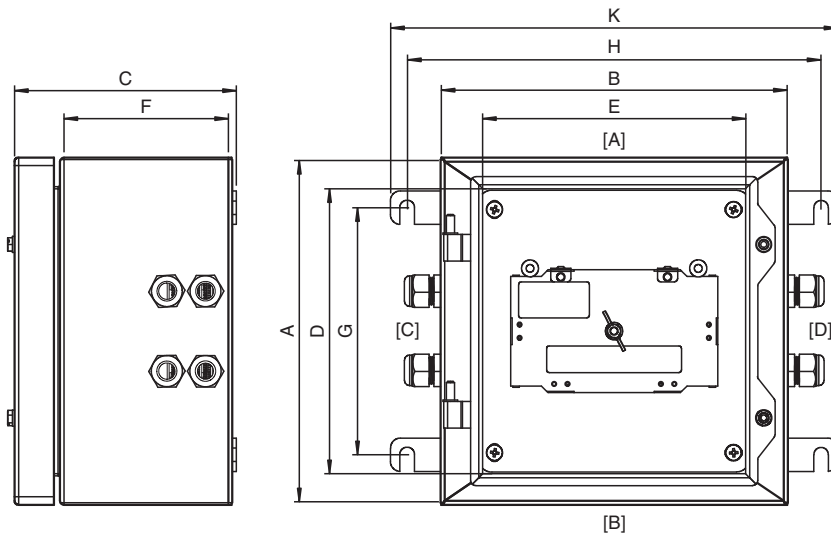
## FXLS260.FO3



- Safe protection of fiber optic cable splices in hazardous areas
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Ex op pr and Ex tb certified
- Stainless Steel enclosure
- 3 splice trays, 12 fusion-type splices per tray
- Wide range of cable glands and stopping plugs
- Return Flange Sealing



### Dimensions



Release date: 2020-05-11 Date of issue: 2020-05-11 Filename: 321460\_eng.pdf

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

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Dimension values see data table.

Image and drawing are generic for this device type and may deviate from the specific variant.

| Legend      |                                                   |
|-------------|---------------------------------------------------|
| A           | Height                                            |
| B           | Width                                             |
| C           | Depth                                             |
| D           | Internal height                                   |
| E           | Internal width                                    |
| F           | Internal depth to surface mounting plate          |
| G           | Mounting holes distance, vertical                 |
| H           | Mounting holes distance, horizontal               |
| J           | Mounting holes diameter                           |
| K           | Maximum external dimension with mounting brackets |
| [A] ... [D] | Cable entry faces                                 |

## Technical Data

### Mechanical specifications

|                                |                                               |
|--------------------------------|-----------------------------------------------|
| Enclosure cover                | fully detachable , concealed hinges           |
| Cover fixing                   | stainless steel hexagonal head screws         |
| Screws                         | M6                                            |
| Number                         | 2                                             |
| Tightening torque              | 2 Nm                                          |
| Cover seal                     | one piece closed cell silicone                |
| Degree of protection           | IP66                                          |
| Cable entry face C             |                                               |
| M20 quantity                   | 3                                             |
| M20 series                     | Cable Glands, Plastic                         |
| M20 type                       | CG.PEDS.M20.*                                 |
| M20 clamping range             | 6 ... 12 mm                                   |
| M20 info                       | additional entries closed with stopping plugs |
| Cable entry face D             |                                               |
| M20 quantity                   | 3                                             |
| M20 series                     | Cable Glands, Plastic                         |
| M20 type                       | CG.PEDS.M20.*                                 |
| M20 clamping range             | 6 ... 12 mm                                   |
| M20 info                       | additional entries closed with stopping plugs |
| Material                       |                                               |
| Enclosure                      | 1.5 mm AISI 316L, (1.4404) stainless steel    |
| Finish                         | electropolished                               |
| Mass                           | approx. 3.6 kg                                |
| Dimensions                     |                                               |
| External dimension (A)         | 260 mm                                        |
| External dimension (B)         | 260 mm                                        |
| External dimension (C)         | 165 mm                                        |
| Internal dimension (D)         | 213 mm                                        |
| Internal dimension (E)         | 193 mm                                        |
| Internal dimension (F)         | 129 mm                                        |
| Mounting holes distance (G)    | 185 mm                                        |
| Mounting holes distance (H)    | 310 mm                                        |
| Mounting holes diameter (J)    | 11 mm                                         |
| Maximum external dimension (K) | 335 mm                                        |
| Fiber optic splice tray        |                                               |
| Number                         | 3                                             |

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|                                                                |                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Dimensions                                                     | 155 mm x 92 mm x 8 mm                                                                                                                                                                                                                                        |
| Quantity of splice connections per tray                        | 12                                                                                                                                                                                                                                                           |
| Type of splices                                                | fusion with 60 mm heatshrink protectors                                                                                                                                                                                                                      |
| Fiber optic splicing protection holders per tray               | 2 for heatshrink splice protectors 60 mm, 6 splices each                                                                                                                                                                                                     |
| Fiber optic strain relief per tray                             | 2 for 12 fibers each with 0.9 mm and 1.1 mm coating                                                                                                                                                                                                          |
| Fiber optic cables min. bending radius                         | 35 mm                                                                                                                                                                                                                                                        |
| Fiber optic cables frequency range                             | 10 ... 10000 MHz                                                                                                                                                                                                                                             |
| Standards                                                      | DIN 47662 and Telecom standards                                                                                                                                                                                                                              |
| <b>Ambient conditions</b>                                      |                                                                                                                                                                                                                                                              |
| Ambient temperature                                            | -50 ... 55 °C (-58 ... 131 °F)                                                                                                                                                                                                                               |
| <b>Data for application in connection with hazardous areas</b> |                                                                                                                                                                                                                                                              |
| EU-type examination certificate                                | CML 16 ATEX 3009X<br>BASEEFA 14 ATEX 0368U                                                                                                                                                                                                                   |
| Marking                                                        | Ⓔ II 2 GD<br>Ex op pr IIC T* Gb<br>Ex tb IIIC T** °C Db<br>T5/T95 °C @ Ta +55 °C                                                                                                                                                                             |
| <b>International approvals</b>                                 |                                                                                                                                                                                                                                                              |
| IECEx approval                                                 | IECEx CML 16.0008X<br>IECEx BAS 14.0169U                                                                                                                                                                                                                     |
| <b>Conformity</b>                                              |                                                                                                                                                                                                                                                              |
| Degree of protection                                           | EN60529                                                                                                                                                                                                                                                      |
| CE marking                                                     | 0102                                                                                                                                                                                                                                                         |
| <b>General information</b>                                     |                                                                                                                                                                                                                                                              |
| Supplementary information                                      | EC-Type Examination Certificate, Statement of Conformity, Declaration of Conformity, Attestation of Conformity and instructions have to be observed where applicable. For information see <a href="http://www.pepperl-fuchs.com">www.pepperl-fuchs.com</a> . |