

# FO Splice Box in Stainless Steel with Return Flange

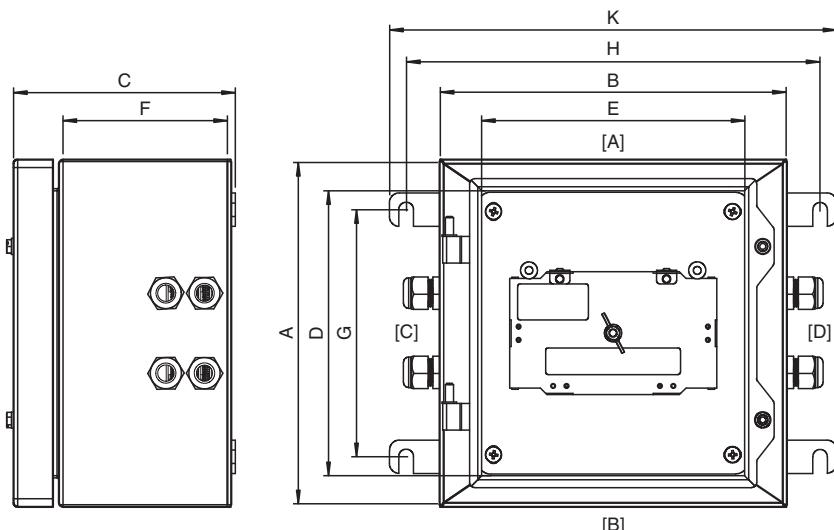
## FXLS260.FO2



- 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
- 2 splice trays, 12 fusion-type splices per tray
- Wide range of cable glands and stopping plugs
- Return Flange Sealing



### Dimensions



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	2
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	2
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. 3.4 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	2

## Technical Data

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 BASEEFA 14 ATEX 0368U
Marking	Ex II 2 GD Ex op pr IIC T <sup>*</sup> Gb Ex tb IIIC T <sup>**</sup> °C Db T5/T95 °C @ Ta +55 °C
<b>International approvals</b>	
IECEx approval	IECEx CML 16.0008X 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> .