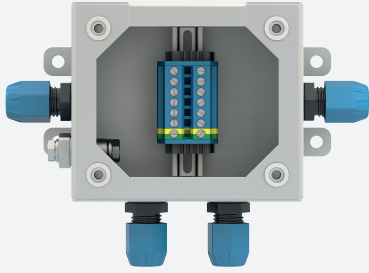


# Junction Box Ex i, Stainless Steel

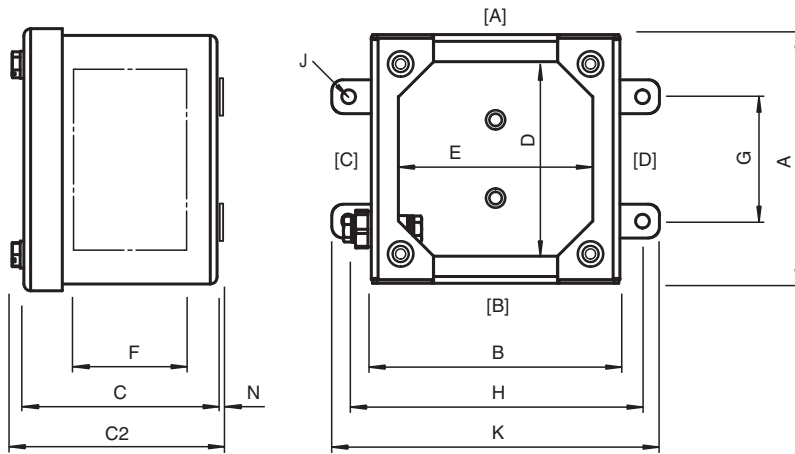
SR.TJI.10.11.09.B.0-S0002



- 96 x 110 x 86 mm
- Stainless Steel AISI 316L
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Top face cable gland polyamide, 1x M16, 1x M12; bottom face cable gland polyamide, 1x M16, 1x M12
- Blue marking for use with Ex i circuits



## Dimensions



Dimension values see data table.  
Image and drawing are generic for this device type and may deviate from the specific variant.

## Technical Data

### Electrical specifications

Operating voltage	352 V AC / DC max. for ATEX / IECEx
Operating current	see instruction manuals

### Mechanical specifications

Enclosure cover	fully detachable
Cover fixing	stainless steel A4 (V4A) hexagonal head screws
Screws	M6
Number	4
Tightening torque	3 Nm - 3.5 Nm
Cover seal	silicone
Degree of protection	IP66
Cable entry	thru-holes direct through body
Cable entry face A	
M12 quantity	1
M12 series	Cable Glands, Plastic

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## Technical Data

M12 type	CG.PIDS1.M12.*
M12 clamping range	3 ... 6.5 mm
M16 quantity	1
M16 series	Cable Glands, Plastic
M16 type	CG.PIDS1.M16S.*
M16 clamping range	4 ... 8 mm
Cable entry face B	
M12 quantity	1
M12 series	Cable Glands, Plastic
M12 type	CG.PIDS1.M12.*
M12 clamping range	3 ... 6.5 mm
M16 quantity	1
M16 series	Cable Glands, Plastic
M16 type	CG.PIDS1.M16S.*
M16 clamping range	4 ... 8 mm
Cable entry face C	
M16 quantity	
M16 series	
M16 type	
M16 clamping range	
Cable entry face D	
M16 quantity	
M16 series	
M16 type	
M16 clamping range	
Terminal assembly	
Rail orientation	vertical
Number of vertical rails	1
Terminal type	6 x MUT 2.5 blue 2 x MUT 2.5 PE
Terminal capacity	2.5 mm <sup>2</sup>
Material	
Enclosure	1.5 mm AISI 316L, (1.4404) stainless steel
Finish	brushed
Mass	approx. 0.7 kg
Dimensions	
External dimension (A)	96 mm
External dimension (B)	110 mm
External dimension (C)	87 mm
External dimension with screws (C2)	92 mm
Internal dimension (D)	72 mm
Internal dimension (E)	86 mm
Internal dimension (F)	66 mm
Mounting holes distance (G)	41 mm
Mounting holes distance (H)	130 mm
Mounting holes diameter (J)	6 mm
Thickness of mounting brackets (N)	8.5 mm
Maximum external dimension (K)	145 mm
Mounting	4 screws
Grounding	M6 internal/external brass nickel-plated grounding bolt
<b>Ambient conditions</b>	
Ambient temperature	-40 ... 60 °C (-40 ... 140 °F)
<b>Data for application in connection with hazardous areas</b>	

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**Technical Data**

EU-type examination certificate	CML 20 ATEX 3156X
Marking	Ⓜ II 2 GD Ex ia IIC T* Gb T6/T80 °C @ Ta +40 °C T4/T130 °C @ Ta +60 °C
<b>International approvals</b>	
IECEX approval	IECEX CML 20.0094X
UKCA approval	CML 21 UKEX 3892X
Further approvals	further on request
<b>Conformity</b>	
Degree of protection	EN60529
CE marking	0102
<b>General information</b>	
Ordering information	This device will be delivered completely configured and assembled ready for use. For configuration details please contact Customer Service.
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> .
<b>Accessories</b>	
Optional accessories	M6 internal/external stainless steel grounding bolt