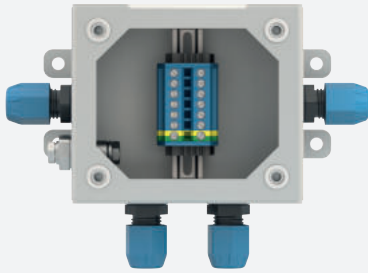


Junction Box Ex i, Stainless Steel

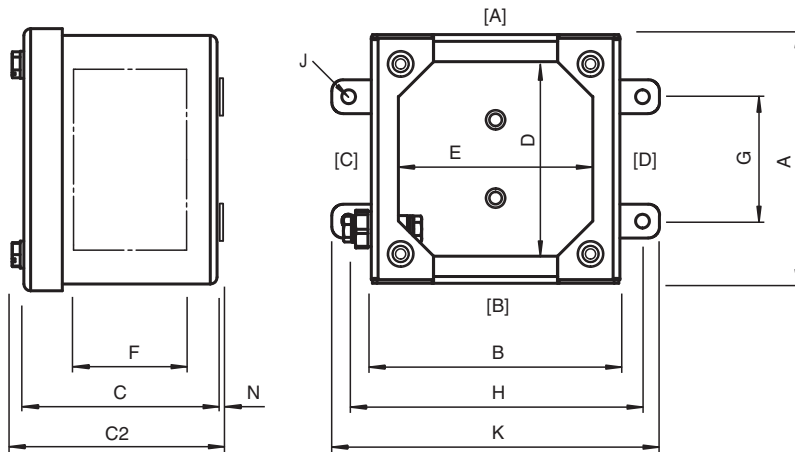
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- 96 x 110 x 86 mm
- Stainless Steel AISI 316L
- Installation in Zone 1, Zone 2, Zone 21 and Zone 22
- Bottom face cable glands polyamide, 2x M16; left side cable gland polyamide, 1x M16; right side cable gland polyamide, 1x M16
- Blue marking for 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 B

M16 quantity 2

M16 series Cable Glands, Plastic

Technical Data

M16 type	CG.PIDS1.M16S.*
M16 clamping range	4 ... 8 mm
Cable entry face C	
M16 quantity	1
M16 series	Cable Glands, Plastic
M16 type	CG.PIDS1.M16S.*
M16 clamping range	4 ... 8 mm
Cable entry face D	
M16 quantity	1
M16 series	Cable Glands, Plastic
M16 type	CG.PIDS1.M16S.*
M16 clamping range	4 ... 8 mm
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 ²
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
Ambient conditions	
Ambient temperature	-40 ... 60 °C (-40 ... 140 °F)
Data for application in connection with hazardous areas	
EU-type examination certificate	CML 20 ATEX 3156X
Marking	Ex ia IIC T* Gb T6/T80 °C @ Ta +40 °C T4/T130 °C @ Ta +60 °C
International approvals	
IECEX approval	IECEX CML 20.0094X
UKCA approval	CML 21 UKEX 3892X
Further approvals	further on request
Conformity	
Degree of protection	EN60529
CE marking	0102
General information	

Release date: 2023-04-17 Date of issue: 2023-04-17 Filename: 70142755_eng.pdf

Technical Data

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 www.pepperl-fuchs.com .
Accessories	
Optional accessories	M6 internal/external stainless steel grounding bolt

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