

Ex-Junction box CFC

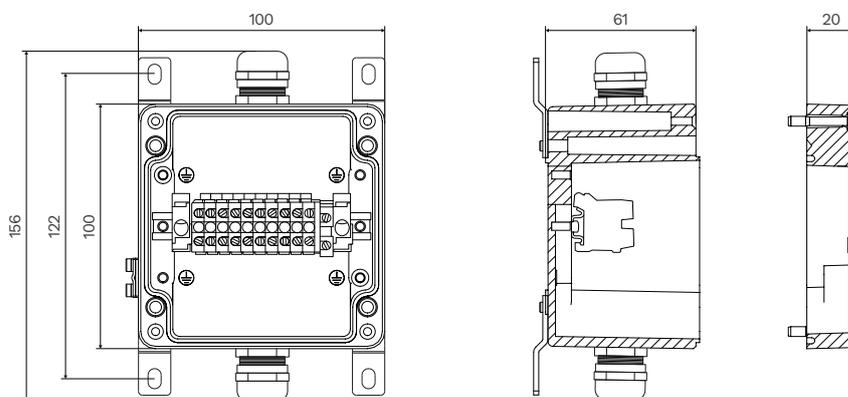
The Ex-Compact Flame Controller CFC is equipped with a fixed cable. The Ex-Junction box CFC is to be installed close to the burner and allows easy mounting and dismounting of the CFC. It is suitable for all areas in which the screw terminals must be protected against external conditions.



1 | Technical data

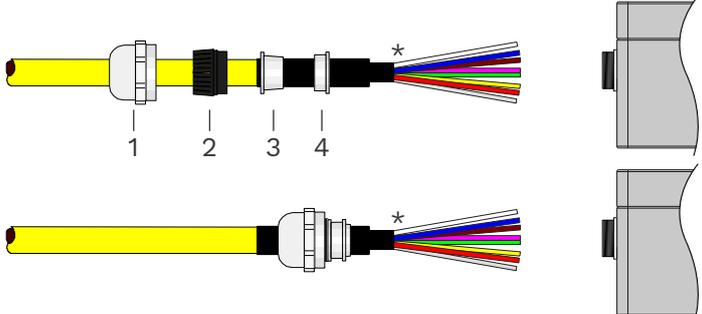
Material	aluminum
Operating temperature	-55 °C to +70 °C
Dimensions	100 mm x 100 mm x 81 mm
Connections	screw terminals
Weight	0,72 kg

2 | Dimensions

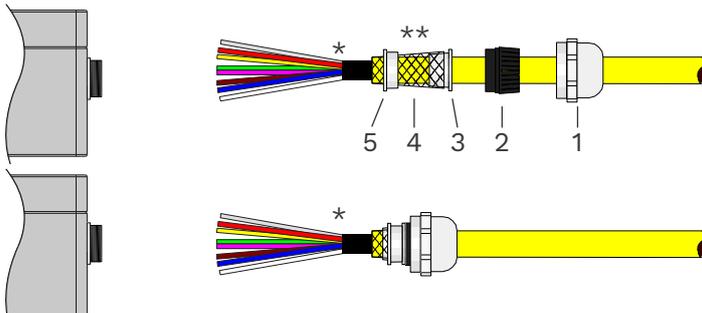


3 | Cable mounting

The inner shielding and the outer shielding braid must not have any connection between them.



Cable to Compact Flame Controller (CFC)	
1	Screw cap
2	Claw
3	Clamp collar 1
4	Clamp collar 2



Cable to Burner Management System (BMS)	
1	Screw cap
2	Claw
3	Clamp collar 1
4	Shielding
5	Clamp collar 2

* The inner shielding of the white and brown cores must be cut off.

** The outer shielding braid is connected only at the cable to BMS between clam collar 1 and 2.

4 | Connection diagram

- 1 - white - Flame relay root
- 2 - brown - Flame ON
- 3 - pink - Flame OFF
- 4 - green - Power supply (+24 V DC)
- 5 - yellow - Power supply (GND)
- 6 - grey - Analogue output (0/4 mA to 20 mA)
- 7 - blue - Remote selection parameter level 2
- 8 - red - Failure output (+24 V DC)
- 9 - - Spare
- 10 - - Spare

Further connection diagrams for special configurations (e.g. heating) available on request.