


ellex

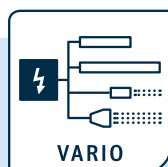
 electrostatic
innovations


Sensor box SB

Sensor box to connect multiple sensors to the PRO IONIZER ES61

Advantages at a glance

- › ES61 expansion up to 2 analog sensors
- › ES61 expansion up to 2, 6 or 10 digital sensors
- › Installation near the sensor possible
- › Data interface via ES61 into fieldbus environment
- › Limit values can be evaluated with the ES61



Suitable for expanding the
sensor input of power supplies



PRO IONIZER ES61



PRO IONIZER EX ES61/E

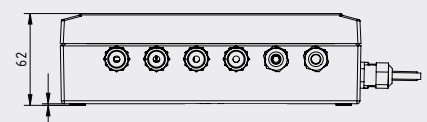
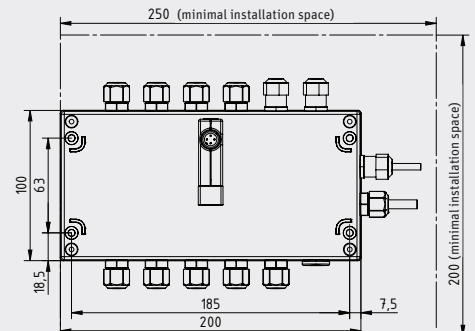
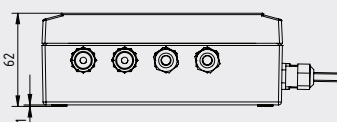
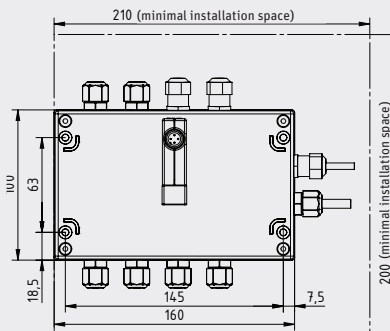
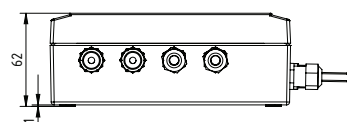
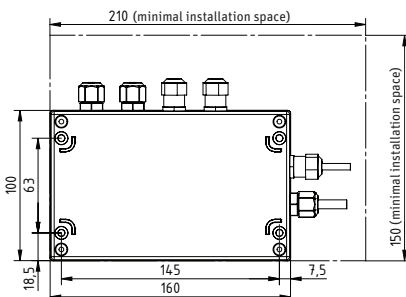
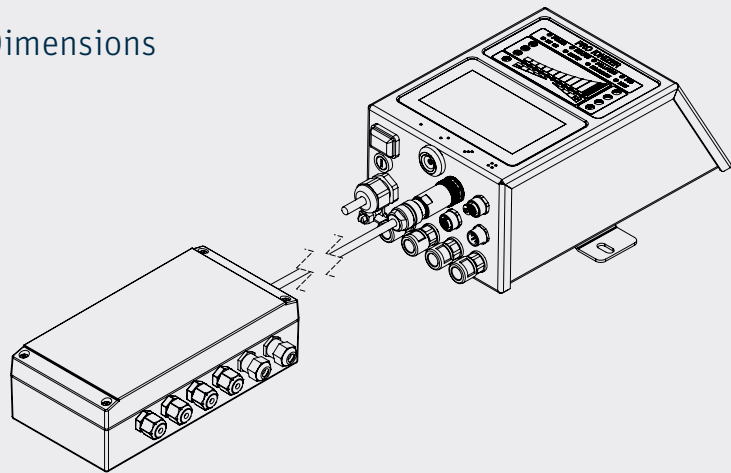


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Technical Information

Input	
Supply voltage	24 V DC $\pm 10\%$
Max. power input	12 W
Sensor connections analog	2
Sensor connections digital	2, 6, 10
Output	
Interface	Connection to sensor input PRO IONIZER ES61 (if equipped)
Key data	
Housing type	Aluminum
Operating ambient temp.	+5 ... +50 °C
Ambient humidity	max. 80 % RH, non-dewing
Protection class	IP54 according to EN 60529
Housing dimension [LxWxH]	160 x 100 x 62 mm, 200 x 100 x 62 mm (without cable gland)
Weight	ca. 1 kg (without cable)

Dimensions



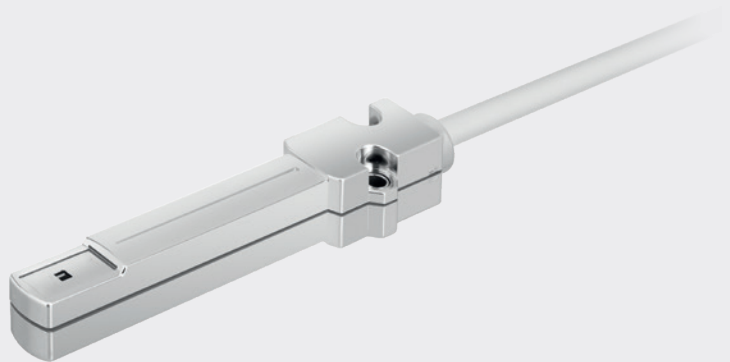


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Available sensors for connection to sensor box

E-Feld-Sensor (analog)

114944 $\pm 0,4$ kV at 25 mm
118599 ± 20 kV at 50 mm
2 m cable



Gloss ensor (digital)

118848 working distance 5 – 40 mm
for metal detection



Humidity-/Temperature sensor (digital)

118849 with 2 m cable



Air flow monitor (analog)

118850 Screw terminal max. 1,5 mm²

