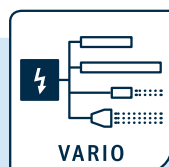# eltex electrostatic innovations

flexBAR R60L

HIGH-END discharge for ultimate discharge performance

The flexBAR R60L with freestanding, air-supported spring tips offers a very high passive discharge efficiency, allowing active operation even at low level of AC high voltage. A small amount of air can be blown through the hollow spring tip to increase the range.

Advantages at a glance

> excellent discharge performance at close and wide range
> variable use in tight, grounded machine spaces
> high discharge performance due to patented spring tip
> reduced dirt adhesion due to optional air circulation around the spring tips
> no health hazards in case of electric shocks when touching individual tips (≤ 10 tips)

VARIO

Suitable for connecting one or more Eltex discharge components:
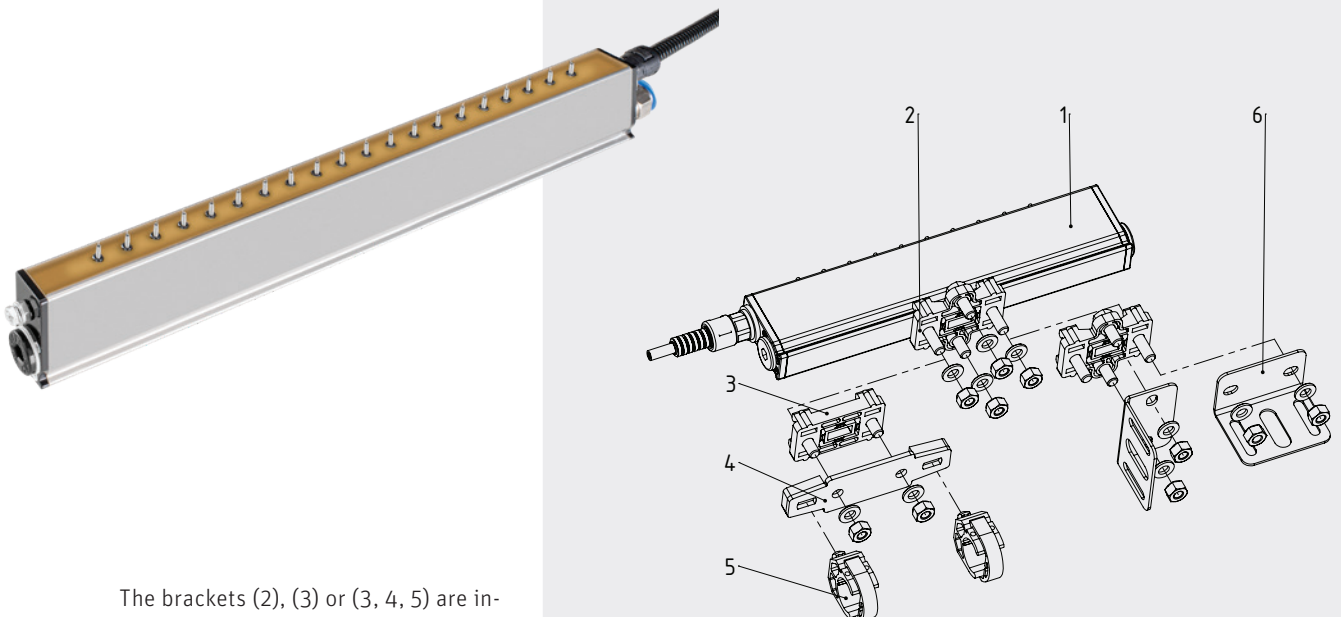
| POWER IONIZER | BASE IONIZER ES60 | COMPACT IONIZER ES24 |

flexBAR R60L

Technical Information

Bar element	aluminum with special coating
Encapsulation material	polyurethane, UL-94 V-0
Emission tips	stainless steel, flexible
Installation material	glas fiber reinforced plastic bracket
Operating ambient temperature.	0 ... +80 °C
Ambient humidity	max. 70 % RH, non-dewing
Available active lengths	15 – 2715 mm in 30 mm steps
Dimensions	20 x 45 mm, max. length: 2785 mm
Weight	approx. 1,6 kg/m
Operating voltage	max. 5 kV AC
High voltage connection	axial or radial (300° rotatable)
Short circuit current/tip	max. 0,046 mA
Contact protection	according to EN 61140
Compressed air	
Air connection	quick plug coupling NW10
Pressure	max. 1 bar
Air consumption per meter	
0.1 bar single-sided	1.1 Nm³/h
0.2 bar single-sided	2.,2 Nm³/h
0.1 bar double-sided	1.95 Nm³/h
0.2 bar double-sided	3.8 Nm³/h

Mounting options

The brackets (2), (3) or (3, 4, 5) are included in the standard scope of delivery depending on the configuration. The brackets (6) can be ordered separately.
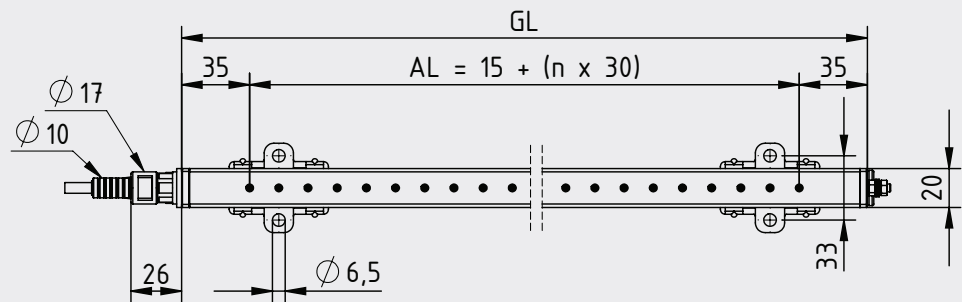
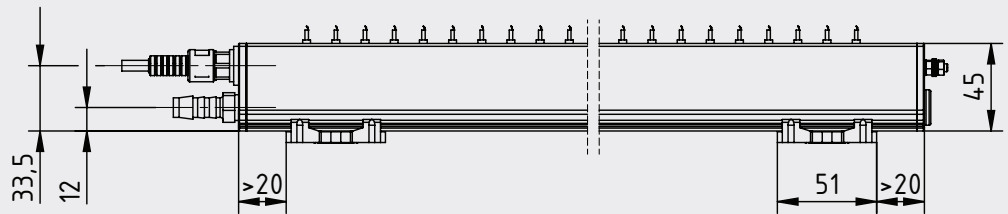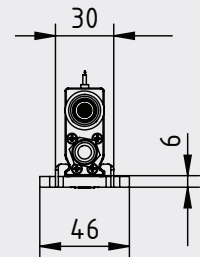## flexBAR R60L

Dimensions
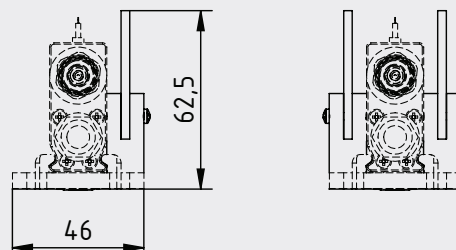
Attachment clips
Scope of delivery related to total length
up to 1 m: 2 pieces / bar
up to 2 m: 3 pieces / bar
up to 3 m: 4 pieces / bar

GL = total lenght

$$AL = 15 + (n \times 30)$$

Protection profile (optional)
Protective strip on one or both sides
to protect the spring tip