



# SCUDO

## SLIP RINGS ROTATING COLLECTORS



### ATTENTION

Before any installation or maintenance operation, disconnect the power supply to the system. Before restoring the power supply, make sure that all connections to the device have been made correctly. Giovenzana International B.V. disclaims any responsibility for any damage to things and people caused by non-compliance with the rules described here.



Before use, read this booklet carefully to acquaint yourself with the features of the product. This booklet is an integral part of the product and therefore must be kept until the product is dismissed.



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Any improper installation or any tampering of the device may cause serious personnel injury or property damage, therefore, the installation and maintenance must be performed by specialized and authorized personnel.

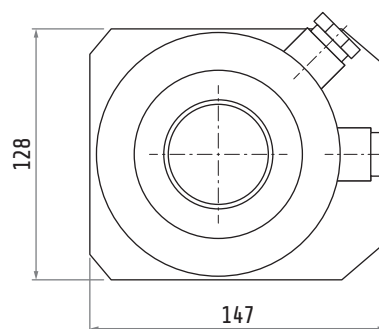
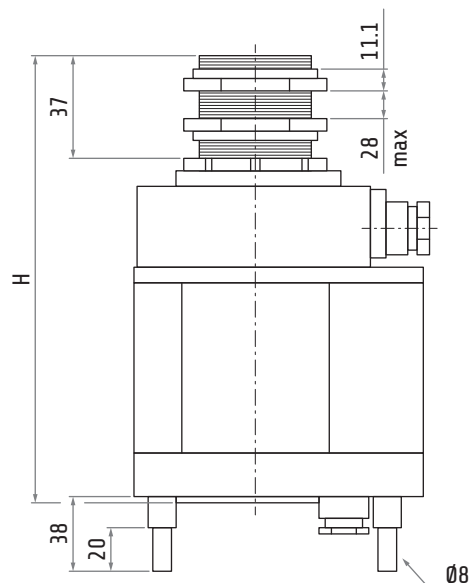
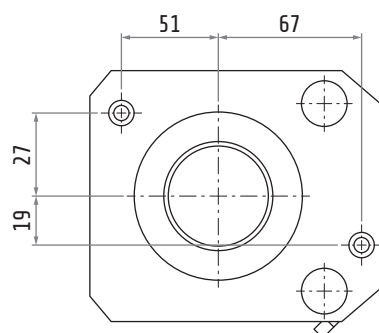
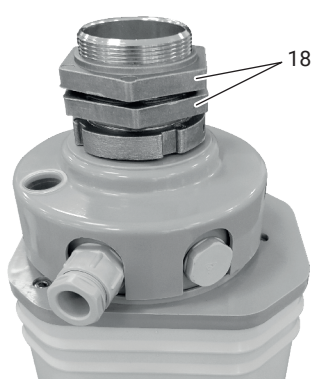
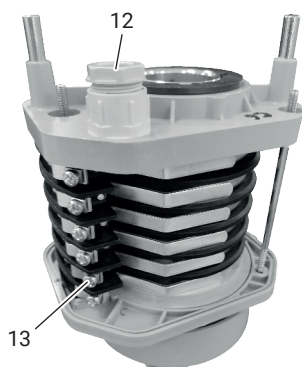
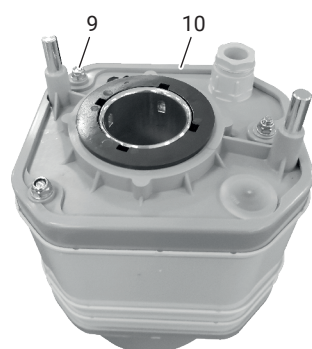
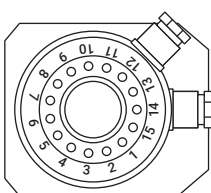
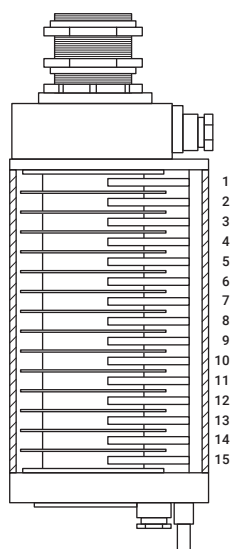
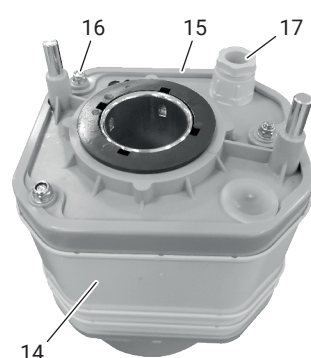
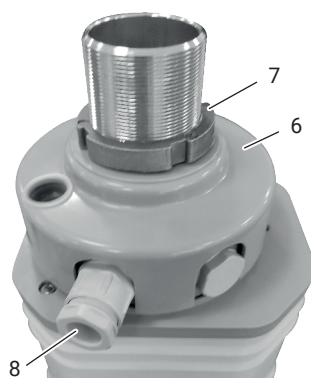
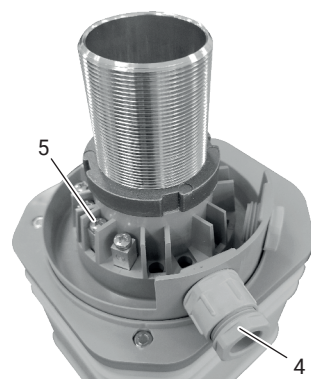
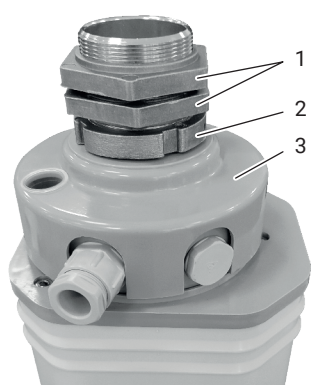


The use of this device is not allowed in environment with a potentially explosive atmosphere or in presence of corrosive substances and in salt spray.

1. Unscrew the collector fixing lock rings.
2. Unscrew the cap fixing lock ring.
3. Remove the hood.
4. Insert the cables into the cable glands.
5. Connect the cables to the terminals with M4x8 screws (not included).
6. Position the hood.
7. Tighten the hood fixing lock ring taking care not to damage the cap.
8. Tighten the cable glands.
9. Remove the enclosure holder fixing nuts.
10. Remove the enclosure support.
11. Remove the enclosure sections.
12. Insert the cables into the cable glands.
13. Connect the cables to the terminals.
14. Position the enclosure sections.
15. Place the enclosure holder.
16. Tighten the enclosure holder fixing nuts.
17. Tighten the cable glands.
18. Fix the collector to a support with a maximum thickness of 28 mm equipped with a hole with a diameter of Ø50 ... Ø53 by means of the collector fixing rings.

Rated current	lth	20 A
Intermittent operating current		30 A
Operating voltage	max	500 V AC
	max	220 V DC
Testing voltage		2500 V AC
Rotation speed	max	20 rev/min
Mechanical life		1 million revs
Protection degree	IEC144	IP51
Ambient temperature		-30°C ... +60°C

Up to 8 rings: the terminals of the brushes are arranged on one side only; there is 1+1 cable glands.  
More than 8 rings: the terminals are arranged on the two sides alternately; there are 2+2 cable glands.



Code	Rings	Height (H)
30402091	3	180 mm
30402092	4	195 mm
30402093	5	210 mm
30402094	6	225 mm
30402095	7	240 mm
30402096	8	255 mm
30402097	9	270 mm
30402098	10	285 mm
30402099	11	300 mm
30402100	12	315 mm
30402101	13	330 mm
30402102	14	345 mm
30402103	15	360 mm