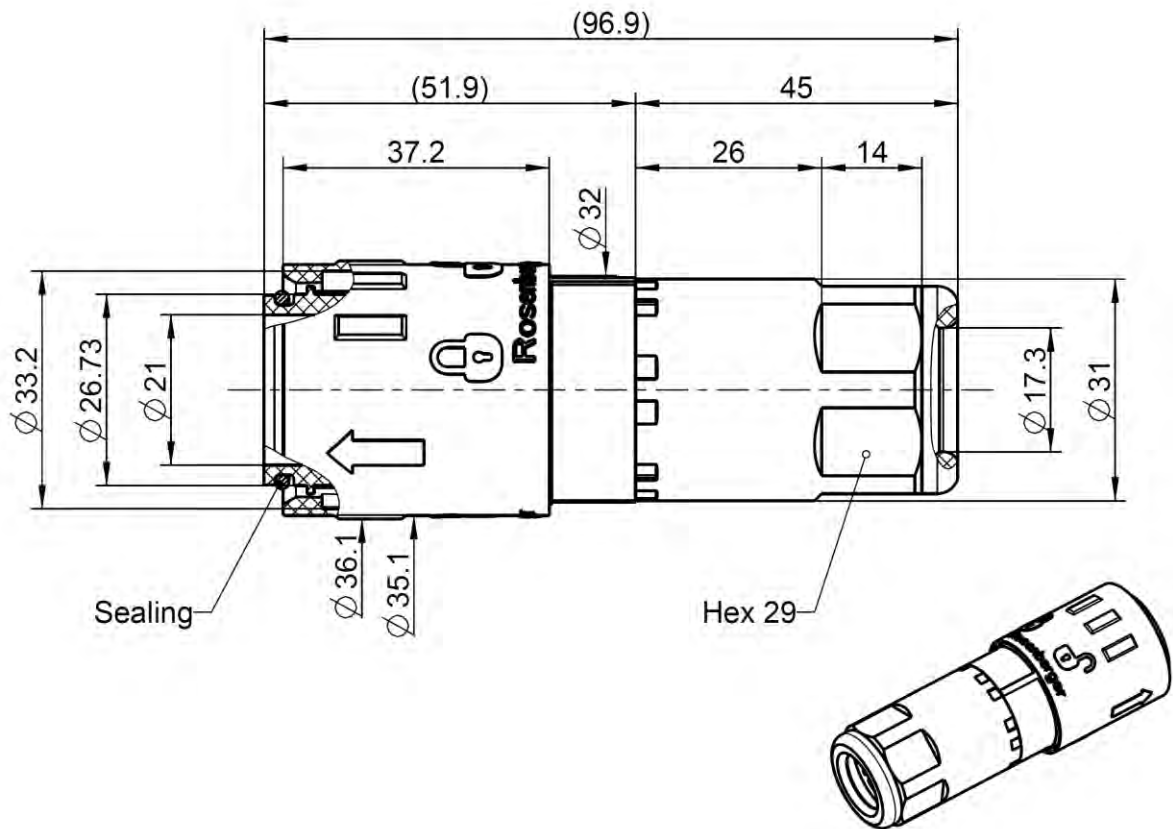




All dimensions are in mm; tolerances according to ISO 2768 m-H

Description

The RFE 2.0 (Rosenberger Fiber Enclosure) is a watertight and UV resistant enclosure for various fiber optic connectors.

Assemblies can be fed through the enclosure, therefore it is suitable for field installation. It has a self-blocking bayonet coupling mechanism which can't be opened as long as the cable gland is not loosened to avoid damage to the fiber. The RFE 2.0 is available for following cable diameter

Part No.	Usabel for cable diamter	Typical retention force
98Z111-S00	without rubber seal	-
98Z111-S01	3.0 mm - 4.5 mm	40 N
	4.5 mm - 5.5 mm	70 N
98Z111-S02	5.5 mm - 6.5 mm	80 N
98Z111-S03	6.5 mm - 7.5 mm	110 N
98Z111-S04	7.5 mm - 9.5 mm	120 N

Technical Data Sheet		Rosenberger					
RFE 2.0 – Rosenberger Fiber Enclosure		FB-98Z111-SXX					
Documents Assembly instruction98 A7							
Material for Connectors Parts RFE Body: Gland: Gasket: PBT PA Silicone							
Mechanical Data* Mating cycles Tightening torque gland Suitable cable diameter Pulling axial Pulling 90° > 25 ≤ 3 Nm 3-9.5 mm > 150 N > 120 N							
*Limitations are possible due to the used cable material.							
Environmental Data* Operation temperature range Storage temperature range Degree of protection* Temperature / Humidity Salt mist Vibration RoHS Fire protection classification -40°C to +70°C -40°C to +90°C IEC 60529, IP67 in mated condition IEC 61300-2-22 IEC 61300-2-26 (192h), GR 3108 Class IV (720h) IEC 61300-2-1 compliant UL94 V0							
Weight 58.44 g / pc							
While the information has been carefully compiled to the best of our knowledge, nothing is intended as representation or warranty on our part and no statement herein shall be construed as recommendation to infringe existing patents. In the effort to improve our products, we reserve the right to make changes judged to be necessary.							
Draft	Date	Approved	Date	Rev.	Engineering change number	Name	Date
Ch. Link	28.06.2016	Huppenberger	2.10.2017	a00	17-s306	B. Wollitzer	2.10.2017
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