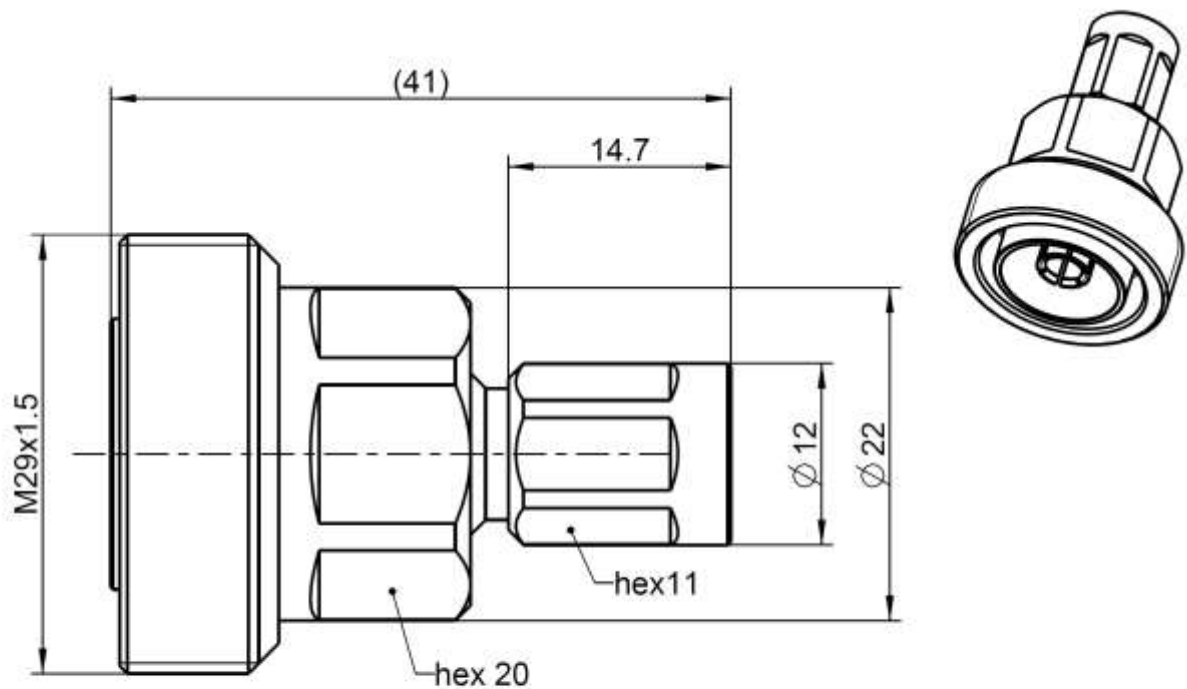




All dimensions are in mm; tolerances according to ISO 2768 m-H

Interface

According to NEX10 side: NEX10®
7/16 side: IEC 60169-4, VG 95250, EN 122190, DIN 47223

Documents

Assembly instruction N/A

Material and Plating

Connector parts

Center contact	NEX10 side:	Spring bronze	Plating	Silver, 3-6 µm
Center contact	7/16 side:	Spring bronze		Silver, 3-6 µm
Outer contact	NEX10 side:	Spring bronze		Silver, 3-6 µm
Outer contact	7/16 side:	Brass		White bronze(e.g. Optalloy®)
Body		Brass		White bronze(e.g. Optalloy®)
Dielectric		PTFE		
Gasket		Silicone		

Technical Data Sheet				Rosenberger			
		Adaptor 7/16 Jack – NEX10 Plug		60K189-S00N1			
Electrical Data Impedance50 Ω FrequencyDC to 8.3 GHz Return loss≥ 30 dB @ DC to 4 GHz Insertion loss≤ 0.03 x √f [GHz] dB Insulation resistance≥ 5 GΩ Center contact resistance≤ 1.5 mΩ, NEX10 side ≤ 0.4 mΩ, 7/16 side Outer contact resistance≤ 1.5 mΩ, NEX10 side ≤ 1.5 mΩ, 7/16 side Working voltage500 V rms RF-leakage≥ 110 dB @ DC to 6 GHz Power handling100 W @ 2.0 GHz and 85°C ambient temperature Intermodulation (3rd order)≥ 166 dBc (2 x 43 dBm) @ 0.4 – 4.0 GHz							
Mechanical Data NEX10 side7/16 side Mating cycles≥ 100min. 500 Recommended torque1.5 Nm25 to 30 Nm							
Environmental Data -55 °C to +125 °C operating temperature IEC 61169-1 9.4.4 IEC 61169-1 9.3.3 and IEC 60068-2-64 IEC 61169-1 9.3.14 IEC 60529, IP68 24h / 1m compliant							
Tooling N/A							
Suitable Cables N/A							
Weight 61.4 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.							
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