BGE.4M.200.XAZ



Summary

Request a quote

Catalog

Size	4M
Series	M - Rugged Ratchet coupling

Technical details

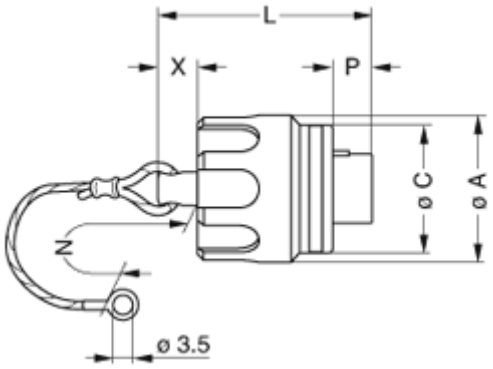
Form & Material

Shell style / Model id	BGE - Blanking cap for fixed receptacle (arctic grip)
Housing material	Aluminium (nickel plated [SAE AMS QQ N 290], anthracite color) shell and nut, other pieces bronze/brass
Keying	3 keys (alpha=42, gamma=30, plug: male contacts, receptacle: female contacts)
Weight	10.87 g

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Environment	
Technical domain	Motorsport, Security and Defence, Transportation, Aerospace and UAV
Environmental sealing (IP rating)	IP68
Temperature range	-20°C / +135°C
EMI Shielding EIA 364-66A	>= 80 dB (1 GHz), >=70 dB (3 GHz), >= 58 dB (6 GHz), >= 40 dB (10 GHz)
Gunfire vibration	25 Hz - 2000 Hz, 3 axis (Apache helicopter)
Humidity (max)	21 days at 95%
Lighting strike EIA 364-76	10K amps - 6 times
Shock Resistance	300 g [3 ms]
Thermal shock	5 cycles: -65°C to +150°C
Vibration-Random	37.8 g rms - 3 axes, 4 hr amb [50 Hz - 2000 Hz]
Vibration-Sine	30 g, 3 axes, 12 hr [10 Hz - 2000 Hz]
Salt Spray Corrosion	max. 48 hr

Drawings



Dimensions

	A	C	L	N	P	X
mm.	25.9	24.5	31	120	3.4	10
in.	1.02	0.96	1.22	4.72	0.13	0.39

https://www.lemo.com/int_en/solutions/optima/m-ratchet-coupling/bge-4m-200-xaz.html
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