

03 Series | Overview

Solution Overview	Key Features	Call to Action																																			
M16 connector series designed for signal and load currents ideal for use in 4G and 5G environments, medical and control environments. Designed to ensure common mounting errors are eliminated by reducing parts and simplifying the assembly process.	• M16 threaded joint • for cable sizes up to 10mm • unshielded and shielded • 3-14 poles • 160 to 300 volts • Up to 1500 watts • Available with a patented special vibration protector	Watch a video https://youtu.be/sBUYrffFnCk • Read a brochure • Review Product Line • Request a sample Meet us at an event																																			
Why Lumberg is Important	IP 68 Variants	Key Questions & Terms																																			
German-engineered, radically simplified 360° shield connector with fewer parts simplifies assembly in the field. SWUM™ versions available. (Sealed when Um-Matted). The only IP68 series of connectors in its class. New crimp versions are available 15% cheaper than our solder versions.	<table><tr><td>0331 0321</td><td>0332 0322</td><td>0332-1 0322-1</td><td>033200 032200</td></tr><tr><td>Unshielded</td><td>Shielded</td><td>Shielded AISG</td><td>Shielded AISG Vibration enhanced Optimized assembly</td></tr><tr><td colspan="4">IEC 61076-2-106</td></tr><tr><td colspan="2"></td><td colspan="2">AISG C485</td></tr></table>	0331 0321	0332 0322	0332-1 0322-1	033200 032200	Unshielded	Shielded	Shielded AISG	Shielded AISG Vibration enhanced Optimized assembly	IEC 61076-2-106						AISG C485		AISG (Antenna Interface Standards Group) certified means increased reliability, improved performance, and increased safety. Originally designed to meet the German Institute for Standardization or DIN for analog audio signals today's M16 connectors are superior in every way offering a higher pin count than M8 or M12, higher protection, and approved for 5G.																			
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Target markets	IP 40 Variants	Inventory Position																																			
• Medical Technology • Consumer Electronics • Measurement and Control Technology • IT and Communications	<table><tr><th colspan="5">Solder terminals</th></tr><tr><td></td><td>Straight</td><td>90°</td><td>Front mount</td><td>Rear Mount</td></tr><tr><td>Plugs Sockets</td><td>SV... KV...</td><td>WSV... WKV...</td><td>SFV KFV</td><td>SGV KGV</td></tr><tr><th colspan="5">Crimp terminals</th></tr><tr><td>Plugs Sockets</td><td>SV...C KV...C</td><td>WSV...C WKV...C</td><td>SFV...C KFV...C</td><td>SGV...C KGV...C</td></tr><tr><td colspan="3">Cable mount</td><td colspan="2"></td></tr><tr><td colspan="3"></td><td colspan="2">Chassis mount</td></tr></table>	Solder terminals						Straight	90°	Front mount	Rear Mount	Plugs Sockets	SV... KV...	WSV... WKV...	SFV KFV	SGV KGV	Crimp terminals					Plugs Sockets	SV...C KV...C	WSV...C WKV...C	SFV...C KFV...C	SGV...C KGV...C	Cable mount								Chassis mount		MDQ 100 pieces. Ships from Richmond, VA. Warehouse.
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Applications		Resources																																			
• AISG bias T • Food Thermometer • Flexible injection molding tool • Communications interface port		0332-1 Data Sheet 0365 Data Sheet 0322-1 Data Sheet 0360 Data Sheet T +1 804 423 8969																																			