



TANNER, INC. — WIRE & CABLE SPECIALISTS
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M16 SERIES

2–24 Pin Circular Connector

WATERPROOF CONNECTOR SPECIFICATION SHEET



DWG NO. TAN-M16-001	SERIES M16	STANDARD IEC 61076-2-106-2012 / AISG	REV A	DATE 2026-09-05
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GENERAL SPECIFICATIONS

Shell Material	Brass / zinc alloy, nickel-plated
Molding Material	PA66
Insulator Material	PA66
Contact Material	Phosphorus copper, gold-plated
Sealing Material	Epoxy resin / rubber
Waterproof Grade	IP65 / IP67
Operating Temp.	-25°C to +80°C
Contact Resistance	≤5 mΩ
Durability	≥500 mating cycles

PIN CONFIGURATIONS

4-Pin	8-Pin	12-Pin
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Pin counts available: 2, 3, 4, 5, 6, 7, 8, 12, 14, 16, 19, 24 (+ 5A/7A/14A)

Coupling: PG7 (4–6mm) / PG9 (6–8mm) cable gland, screw-lock, AISG-compliant

ELECTRICAL PARAMETERS

Pins	Rated Voltage	Rated Current	Conductor Size
2 / 3 / 4	250V	6–7A	20 AWG / 0.75 mm ²
5 / 6	250V	5–6A	20 AWG / 0.75 mm ²
7 / 8	60–125V	5A	20 AWG / 0.75 mm ²
12 / 14 / 16 / 19	60V	3A	24 AWG / 0.25 mm ²
24	60V	1A	26 AWG / 0.14 mm ²

ORDERING CODE REFERENCE

TW-M16-08M-OMS

Tanner, Inc. internal reference number. Contact sales@tannerwire.com for cross-manufacturer equivalents.

TYPICAL APPLICATIONS

AISG antenna / RET connections for 4G/5G base stations, torque & motor speed sensors, pneumatic and pressure instrumentation.