

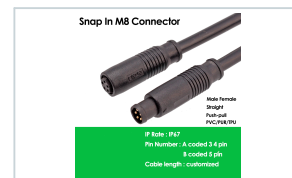


TANNER, INC. — WIRE & CABLE SPECIALISTS
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M8 SERIES

3–8 Pin Circular Connector

WATERPROOF CONNECTOR SPECIFICATION SHEET



DWG NO. TAN-M8-001	SERIES M8	STANDARD IEC 61076-2-104	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 +85°C
Insulation Resistance	≥100 MΩ
Contact Resistance	≤5 mΩ
Durability	≥500 mating cycles

PIN CONFIGURATIONS

3-Pin	4-Pin	8-Pin
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Pin counts available: 3, 4, 5, 6, 8

Coupling: M8 x 0.5 threaded coupling nut, 360° shielding option

ELECTRICAL PARAMETERS

Pins	Rated Voltage	Rated Current	Conductor Size
3 (A)	60V	1.5A	24 AWG / 0.25 mm ²
4 (A)	60V	1.5A	24 AWG / 0.25 mm ²
4D	48V	3A	24 AWG / 0.25 mm ²
5 (B)	30V	3A	24 AWG / 0.25 mm ²
6	30V	1.5A	26 AWG / 0.14 mm ²
8	30V	1.5A	26 AWG / 0.14 mm ²

ORDERING CODE REFERENCE

TW-M8-04MA-OMS

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

TYPICAL APPLICATIONS

Sensors, actuators, PLC I/O, solenoid valves, encoders, food & beverage processing, HVAC, mobile machinery.