

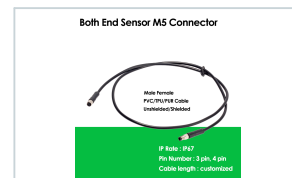


TANNER, INC. — WIRE & CABLE SPECIALISTS
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M5 SERIES

3–4 Pin Miniature Circular Connector

WATERPROOF CONNECTOR SPECIFICATION SHEET



DWG NO. TAN-M5-001	SERIES M5	STANDARD IEC 61076-2-105	REV A	DATE 2026-09-05
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GENERAL SPECIFICATIONS

Shell Material	Brass, 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	≤3 mΩ
Durability	≥500 mating cycles

PIN CONFIGURATIONS

3-Pin

4-Pin

Pin counts available: 3, 4

Coupling: M5 x 0.5 threaded coupling nut

ELECTRICAL PARAMETERS

Pins	Rated Voltage (AC/DC)	Rated Current	Conductor Size
3	60V	1A	26 AWG / 0.14 mm ²
4	60V	1A	26 AWG / 0.14 mm ²

ORDERING CODE REFERENCE

TW-M5-03M-OMS

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

TYPICAL APPLICATIONS

Miniature sensors, proximity switches, rotary encoders, robotics I/O, temperature / light / sound sensors, HMI panels.