



TANNER, INC. — WIRE & CABLE SPECIALISTS
1260 Moore Road, Suite I · Avon, OH 44011
(440) 808-8841 · sales@tannerwire.com · tannerwire.com

7/8 SERIES

3–6 Pin Power Circular Connector

WATERPROOF CONNECTOR SPECIFICATION SHEET



DWG NO. TAN-78-001	SERIES 7/8	STANDARD IEC 61076-2-101	REV A	DATE 2026-09-05
------------------------------	----------------------	------------------------------------	-----------------	---------------------------

GENERAL SPECIFICATIONS

Shell Material	Nickel-plated brass / PA66
Contact Material	Gold-plated brass
Sealing	NBR O-ring
Waterproof Grade	IP67
Operating Temp.	-25°C to +85°C
Coupling Thread	7/8-16 UNF
Panel Mount Thread	PG13.5 (front) / M26 (rear)
Cable Gland	PG9 (6–8mm OD) / PG13.5 (8–12mm OD)

PIN CONFIGURATIONS

3-Pin	4-Pin	6-Pin
--------------	--------------	--------------

Pin counts available: 3, 4, 5, 6

Coupling: 7/8-16 UNF threaded coupling

ELECTRICAL PARAMETERS

Pins	Rated Voltage	Rated Current	Termination
3 / 4	300V	9A	Field-wireable, screwdriver
5 / 6	300V	6–7A	Field-wireable, screwdriver

ORDERING CODE REFERENCE

TW-78-04MA-FPM

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

TYPICAL APPLICATIONS

Power supply connections for outdoor lighting, sensors, LED displays, and industrial power distribution.