

PUSH-LOCK CONNECTOR

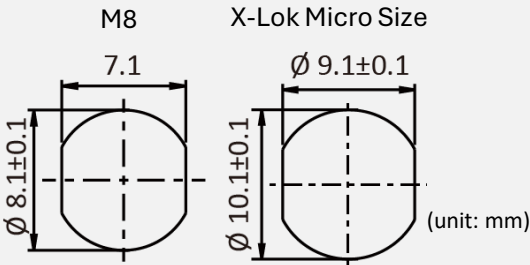
X-Lok Micro Size

*A Superior Alternative to
Traditional M8 Connectors*



Amphenol LTW's X-Lok Micro Size connectors, alternative to the M8 panel cutout, offer an advanced secure solution for small power, signal, and data transmission. Featuring a spring-loaded push lock mechanism, they ensure intuitive, fast, and reliable connections with audible and tactile feedback.

The X-Lok Micro Size connectors minimizes mating failures, accelerates installation, and reduces on-site costs, significantly enhancing installation efficiency and eliminating workmanship errors.



- ✓ **Alternative solution to M8**
- ✓ **Blind mate**
- ✓ **High-performance**
- ✓ **Audible feedback**
- ✓ **Push-Lock quick mating**
- ✓ **Cost efficiency**

No. of Contacts	2 ~ 8
Nominal Current	1.5A ~ 5A
Operating Voltage	50V AC / 60V DC (2-4 Pins) ; 30V AC / 30V DC (5-8 Pins)
Backshell	Circular, Square, Hexagonal
Durability	1000 cycles
Temperature Range	-40°C ~ 105°C
Salt Spray	48h
Material	Plastic, non-shielded
Panel Thickness	Max. 4.5 mm



LED Lighting



Transportation



Medical Equipment



Industrial Automation



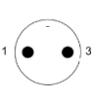
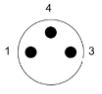
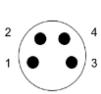
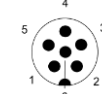
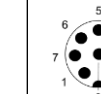
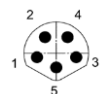
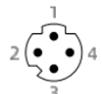
Remote Video
Response Center

Unrivaled InterConnects for Harsh Environments

Amphenol LTW

Product Range Overview

A Superior Alternative to
Traditional M8 Connectors

X-Lok Micro Size Push Lock Connector	A Coding					B Coding	D Coding
							
No. of Contacts	2P*	3P	4P	6P*	8P*	5P	4P*
Nominal Current	5A	5A	5A	1.5A	1.5A	5A	5A
Operating Voltage	50V AC / 60V DC			30V AC / 30V DC		30V AC / 30V DC	50V AC / 60V DC
Temperature Range	-40 °C ~ 105 °C						
Backshell	Circular, Square, Hexagonal						
Contact Plated	Au, 3 μ" / Ni 200 μ"						
Shielded or Non-shielded	Non-shielded						
Dielectric Withstanding Voltage	IEC 60512, Test 4a, Method A Standard atmospheric conditions, Mated connectors						
Contact Resistance	10 mΩ max.						
Insulation Resistance	10 ⁸ MΩ max.						
Durability	1000 cycles						
Female Housing and Nut Breaking Strength (Mating Direction)	> 15 kgf.cm (1.5 N.m)						
Female Housing and Nut Breaking Strength (Disassembly Direction)	> 2 kgf.cm (0.2 N.m)						
Male and Female Connectors Mating Pull Breaking Force	> 10 kgf.cm (1 N.m)						
Insertion Force and Withdrawal Force	30N max.						
Waterproof Protection	Overmolded With Cable: IP68 (Mated) Receptacle / Receptacle With Wires: IP68 (Unmated) Field Installable: IP68 (Mated)						
Rapid Change of Temperature	IEC 60512-11d –25 °C to 85 °C, t = 30 min, 5 cycles						
Salt Spray	48h						
Certification	UL1977 / UL2238 recognized						
Flammability	UL94V-0						
Fasten Style	Rear						
Panel Thickness	Max. 4.5 mm						
Wire/Cable Spec & UL Style	UL wire						
Wire Insulation Material	PVC / TPU / PE						
Cable Jacket Material	PVC / TPU						

*To be released upon request