

PUSH-LOCK CONNECTOR

X-Lok Micro Size

*A Superior Alternative to
Traditional M8 Connectors*

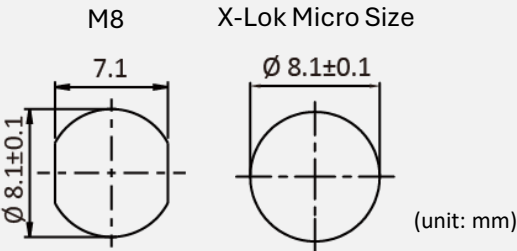


Amphenol LTW's X-Lok Micro Size connectors, compatible with the M8 panel cutout, offer an advanced secure solution for signal, and data transmission. Featuring a spring-loaded push lock mechanism, they ensure intuitive, fast, and reliable connections with audible and tactile feedback.

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



COMING
SOON



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

No. of Contacts	3 ~ 8
Nominal Current	1.5A ~ 4A
Operating Voltage	30Vac, 50Vac, 30Vdc, 60Vdc
Backshell	Circular, Square, Hexagonal
Durability	100 cycles
Temperature Range	-40 °C ~ 105 °C
Salt Spray	48h
Material	Plastic, non-shielded
Panel Thickness	1 ~ 3 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

COMING
SOON

X-Lok Micro Size Push Lock Connector	A Coding				B Coding	D Coding
						
No. of Contacts	3P	4P	6P	8P	5P	4P
Nominal Current	3A	3A	1.5A	1.5A	3A	4A
Operating Voltage	50 VAC / 60 VDC		30 VAC / 30 VDC		30 V a.c./ 30 V d.c.	50 V a.c./ 60 V d.c.
Temperature Range	-40 °C ~ 105 °C					
Backshell	Circular, Square, Hexagonal					
Contact Plated	Au, 3 u" / Ni 200 u"					
Shielded or Non-shielded	Non-shielded					
Dielectric Withstanding Voltage	IEC 60512, Test 4a, Method A Standard atmospheric conditions, Mated connectors					
Contact Resistant	10 MΩ max.					
Insulation Resistant	10 ⁸ MΩ max.					
Durability	100 cycles					
Female Housing and Nut Breaking Strength (Mating Direction)	> 15 kgf.cm (1.5N.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: IP67 (Mated) Receptacle / Receptacle With Wires: IP67 (Unmated) Field Installable: IP67 (Mated)					
Rapid Change of Temperature	IEC 60512-11d –25 °C to 85 °C, t = 30 min, 5 cycles					
Salt Spray	48h					
Certificate	UL1977 / UL2238					
Flammibility	UL94V-0					
Fasten Style	Rear					
Panel Thickness	1 mm - 3 mm					
Wire/Cable Spec & UL Style	UL wire					
Wire Insulation Material	PVC / TPU / PE					
Cable Jacket Material	PVC / TPU					

