

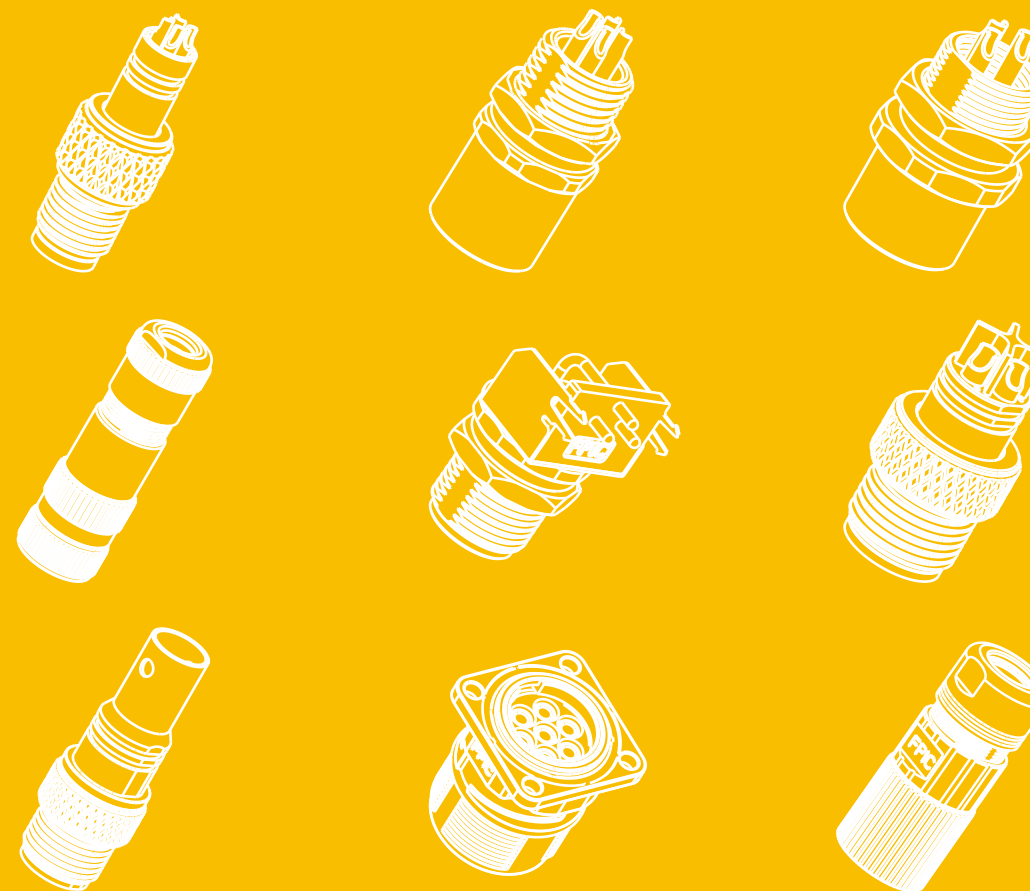


Shenzhen Forman Precision Industry Co., Ltd.
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Circular Connectors

M8 Series Cable Assembly



<https://fpiconn.com>

“ IF THERE IS A WAY
TO DO IT BETTER,
FIND IT ”

By : Thomas Alva Edison

► Company Profile

Shenzhen Forman Precision Industry Co., Ltd. is a leading and experienced manufacturing vendor, has been always committing to the technology of metal and plastic parts, focusing on designing and manufacturing connectors and cables over 20 years. Our market involves the segment of automotive, new energy, industrial automation, medical devices, etc. By now, we have been already certificated by ISO9001, ISO14000, IATF16949, ISO 13485:2016, and the member of USB association, UL, TUV.

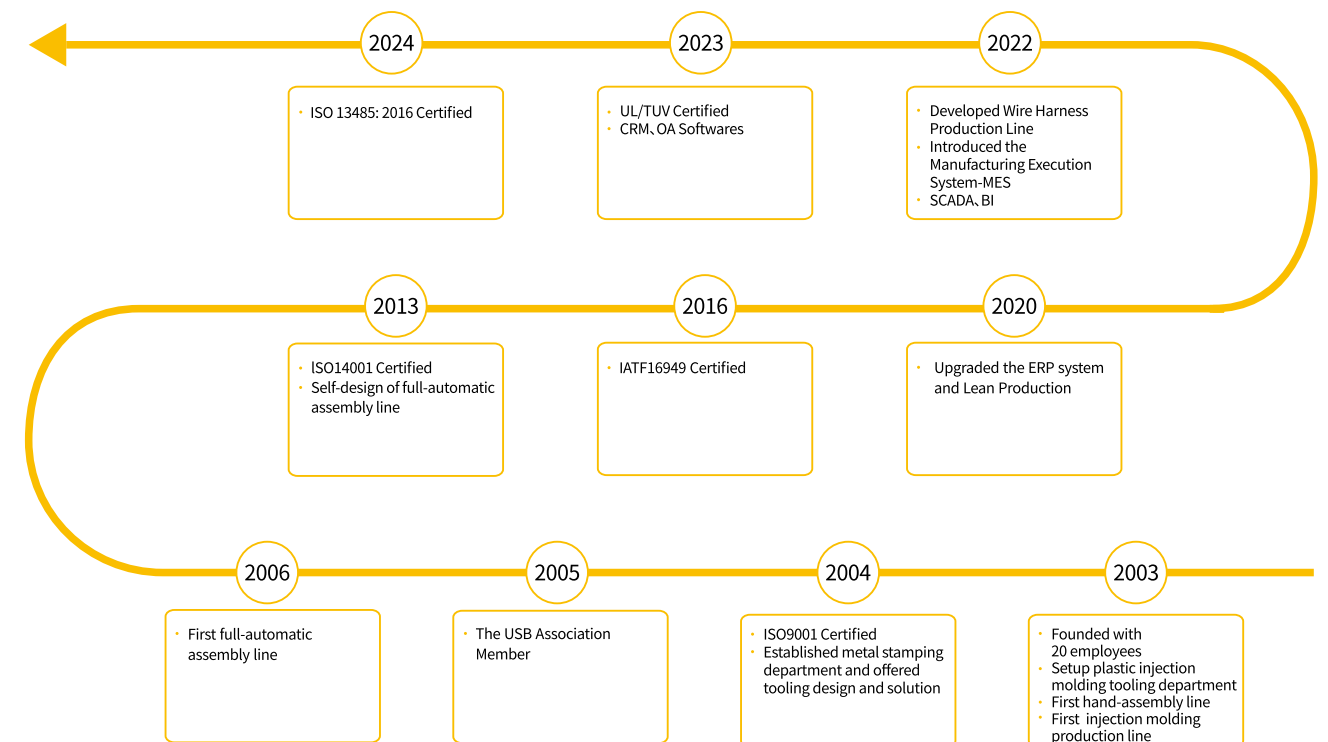
Our goal is to offer unique service experience and add value to our customers with end-to-end management. As such, we highly enjoy our reputation for being fast, flexible, and focused.



Reception

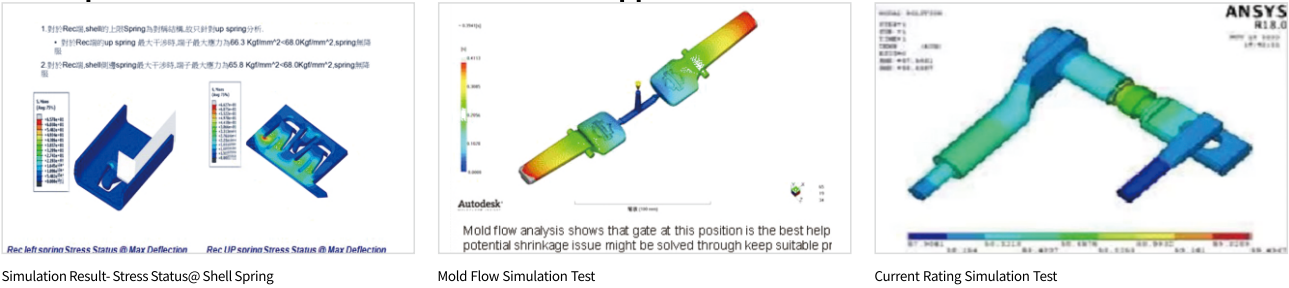


Factory



Our Advantages

The Experienced R&D Team and CAE Software Support



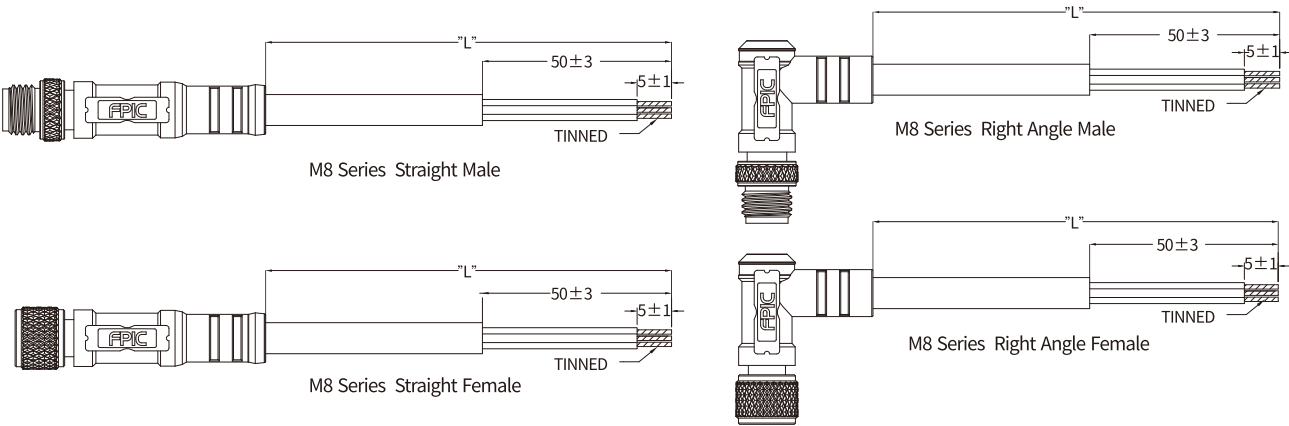
The Modernization One-stop Production Process



We Strictly Implement the Process of Product Quality.



M8 Series Molding Type



M8 Series A/B/D Coding Electrical Parameters

Series	Coding	Number of Positions	Male	Rated Current	Rated Voltage	Max. Conductor Size		Female
						AWG	mm ²	
M8	A	3		4A	60V	24	0.25	
		4		4A	60V	24	0.25	
		6		1.5A	30V	26	0.14	
		8		1.5A	30V	26	0.14	
	B	5		3A	30V	24	0.25	
	D	4		4A	60V	24	0.25	

M8 Series Cable Color Definition

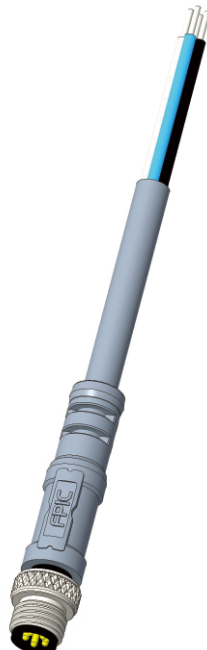
From Poles	M8 Cable Definition		To Poles
	3 Poles		
1	BN		1
2	BU		2
3	BK		3

From Poles	M8 Cable Definition		To Poles
	5 Poles		
1	BN		1
2	WH		2
3	BU		3
4	BK		4
5	GY		5

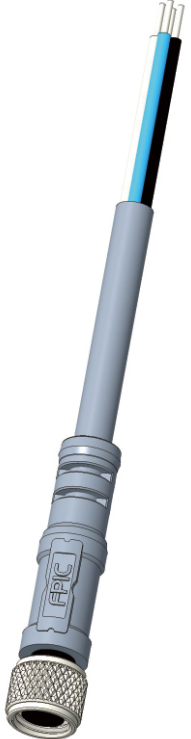
From Poles	M8 Cable Definition		M8 Cable Definition	To Poles
	4 Poles(A-Code)		4 Poles(D-Code)	
1	BN		YE	1
2	WH		WH	2
3	BU		OG	3
4	BK		BU	4

From Poles	M8 Cable Definition		To Poles	From Poles	M8 Cable Definition		To Poles
	6 Poles				8 Poles		
1	BN		1	1	WH		1
2	WH		2	2	BN		2
3	BU		3	3	GN		3
4	BK		4	4	YE		4
5	GY		5	5	GY		5
6	PK		6	6	PK		6
				7	BU		7
				8	RE		8

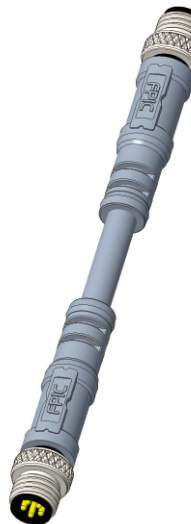
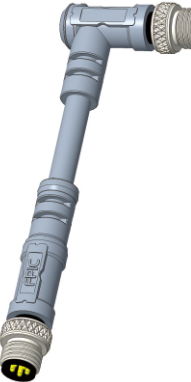
M8 Series Single Ended A/B/D Coding Cable Assembly

Part Number	Part Description	Poles	Type	Cable Material	Shielded/ Unshielded
APMU-1SS3A1NNN03-001M-00	M8 S-Male A Code 3Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1SS3A1NNN03-001M-00					Shielded
APMU-1SS3A2NNN03-001M-00				PUR	Unshielded
APMS-1SS3A2NNN03-001M-00					Shielded
APMU-1SS3A1NNN06-001M-00	M8 S-Male A Code 6Pos Cable 6C Black L=0.1M	6		PVC	Unshielded
APMS-1SS3A1NNN06-001M-00					Shielded
APMU-1SS3A2NNN06-001M-00				PUR	Unshielded
APMS-1SS3A2NNN06-001M-00					Shielded
APMU-1SS3B1NNN05-001M-00	M8 S-Male B Code 5Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1SS3B1NNN05-001M-00					Shielded
APMU-1SS3B2NNN05-001M-00				PUR	Unshielded
APMS-1SS3B2NNN05-001M-00					Shielded
APMU-1SS3D1NNN04-001M-00	M8 S-Male D Code 4Pos Cable 4C Black L=0.1M	4		PVC	Unshielded
APMS-1SS3D1NNN04-001M-00					Shielded
APMU-1SS3D2NNN04-001M-00				PUR	Unshielded
APMS-1SS3D2NNN04-001M-00					Shielded
APMU-1SR3A1NNN03-001M-00	M8 R-Male A Code 3Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1SR3A1NNN03-001M-00					Shielded
APMU-1SR3A2NNN03-001M-00				PUR	Unshielded
APMS-1SR3A2NNN03-001M-00					Shielded
APMU-1SR3A1NNN06-001M-00	M8 R-Male A Code 6Pos Cable 6C Black L=0.1M	6		PVC	Unshielded
APMS-1SR3A1NNN06-001M-00					Shielded
APMU-1SR3A2NNN06-001M-00				PUR	Unshielded
APMS-1SR3A2NNN06-001M-00					Shielded
APMU-1SR3B1NNN05-001M-00	M8 R-Male B Code 5Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1SR3B1NNN05-001M-00					Shielded
APMU-1SR3B2NNN05-001M-00				PUR	Unshielded
APMS-1SR3B2NNN05-001M-00					Shielded
APMU-1SR3D1NNN04-001M-00	M8 R-Male D Code 4Pos Cable 4C Black L=0.1M	4		PVC	Unshielded
APMS-1SR3D1NNN04-001M-00					Shielded
APMU-1SR3D2NNN04-001M-00				PUR	Unshielded
APMS-1SR3D2NNN04-001M-00					Shielded

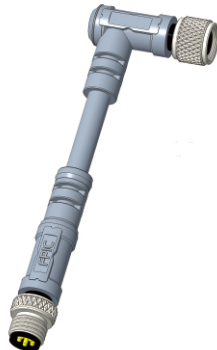
M8 Series Single Ended A/B/D Coding Cable Assembly

Part Number	Part Description	Poles	Type	Cable Material	Shielded/ Unshielded
APMU-1SS4A1NNN03-001M-00	M8 S-Female A Code 3Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1SS4A1NNN03-001M-00					Shielded
APMU-1SS4A2NNN03-001M-00				PUR	Unshielded
APMS-1SS4A2NNN03-001M-00					Shielded
APMU-1SS4A1NNN06-001M-00	M8 S-Female A Code 6Pos Cable 6C Black L=0.1M	6		PVC	Unshielded
APMS-1SS4A1NNN06-001M-00					Shielded
APMU-1SS4A2NNN06-001M-00				PUR	Unshielded
APMS-1SS4A2NNN06-001M-00					Shielded
APMU-1SS4B1NNN05-001M-00	M8 S-Female B Code 5Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1SS4B1NNN05-001M-00					Shielded
APMU-1SS4B2NNN05-001M-00				PUR	Unshielded
APMS-1SS4B2NNN05-001M-00					Shielded
APMU-1SS4D1NNN04-001M-00	M8 S-Female D Code 4Pos Cable 4C Black L=0.1M	4		PVC	Unshielded
APMS-1SS4D1NNN04-001M-00					Shielded
APMU-1SS4D2NNN04-001M-00				PUR	Unshielded
APMS-1SS4D2NNN04-001M-00					Shielded
APMU-1SR4A1NNN03-001M-00	M8 R-Female A Code 3Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1SR4A1NNN03-001M-00					Shielded
APMU-1SR4A2NNN03-001M-00				PUR	Unshielded
APMS-1SR4A2NNN03-001M-00					Shielded
APMU-1SR4A1NNN06-001M-00	M8 R-Female A Code 6Pos Cable 6C Black L=0.1M	6		PVC	Unshielded
APMS-1SR4A1NNN06-001M-00					Shielded
APMU-1SR4A2NNN06-001M-00				PUR	Unshielded
APMS-1SR4A2NNN06-001M-00					Shielded
APMU-1SR4B1NNN05-001M-00	M8 R-Female B Code 5Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1SR4B1NNN05-001M-00					Shielded
APMU-1SR4B2NNN05-001M-00				PUR	Unshielded
APMS-1SR4B2NNN05-001M-00					Shielded
APMU-1SR4D1NNN04-001M-00	M8 R-Female D Code 4Pos Cable 4C Black L=0.1M	4		PVC	Unshielded
APMS-1SR4D1NNN04-001M-00					Shielded
APMU-1SR4D2NNN04-001M-00				PUR	Unshielded
APMS-1SR4D2NNN04-001M-00					Shielded

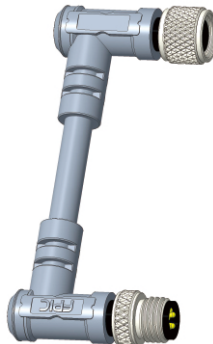
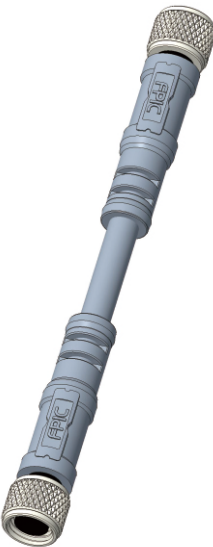
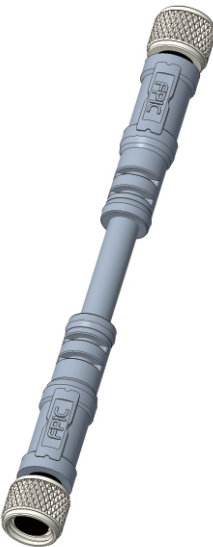
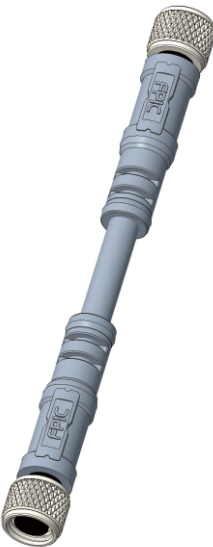
M8 Series Both Ended Connector A/B/D Coding Cable Assembly

Part Number	Part Description	Poles	Type	Cable Material	Shielded/ Unshielded
APMU-1DS3A1S3A03-001M-00	M8 S-Male A Code to M8 S-Male A Code 3 Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1DS3A1S3A03-001M-00					Shielded
APMU-1DS3A2S3A03-001M-00				PUR	Unshielded
APMS-1DS3A2S3A03-001M-00					Shielded
APMU-1DS3B1S3B05-001M-00	M8 S-Male B Code to M8 S-Male B Code 5 Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1DS3B1S3B05-001M-00					Shielded
APMU-1DS3B2S3B05-001M-00				PUR	Unshielded
APMS-1DS3B2S3B05-001M-00					Shielded
APMU-1DS3D1S3D04-001M-00	M8 S-Male D Code to M8 S-Male D Code 4 Pos Cable 4C Black L=0.1M	4	PVC	Unshielded	
APMS-1DS3D1S3D04-001M-00				Shielded	
APMU-1DS3D2S3D04-001M-00			PUR	Unshielded	
APMS-1DS3D2S3D04-001M-00				Shielded	
APMU-1DS3A1R3A03-001M-00	M8 S-Male A Code to M8 R-Male A Code 3 Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1DS3A1R3A03-001M-00					Shielded
APMU-1DS3A2R3A03-001M-00				PUR	Unshielded
APMS-1DS3A2R3A03-001M-00					Shielded
APMU-1DS3B1R3B05-001M-00	M8 S-Male B Code to M8 R-Male B Code 5 Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1DS3B1R3B05-001M-00					Shielded
APMU-1DS3B2R3B05-001M-00				PUR	Unshielded
APMS-1DS3B2R3B05-001M-00					Shielded
APMU-1DS3D1R3D04-001M-00	M8 S-Male D Code to M8 R-Male D Code 4 Pos Cable 4C Black L=0.1M	4	PVC	Unshielded	
APMS-1DS3D1R3D04-001M-00				Shielded	
APMU-1DS3D2R3D04-001M-00			PUR	Unshielded	
APMS-1DS3D2R3D04-001M-00				Shielded	
APMU-1DS3A1S4A03-001M-00	M8 S-Male A Code to M8 S-Female A Code 3 Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1DS3A1S4A03-001M-00					Shielded
APMU-1DS3A2S4A03-001M-00				PUR	Unshielded
APMS-1DS3A2S4A03-001M-00					Shielded
APMU-1DS3B1S4B05-001M-00	M8 S-Male B Code to M8 S-Female B Code 5 Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1DS3B1S4B05-001M-00					Shielded
APMU-1DS3B2S4B05-001M-00				PUR	Unshielded
APMS-1DS3B2S4B05-001M-00					Shielded

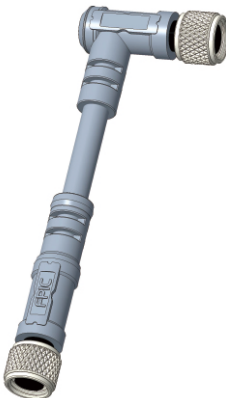
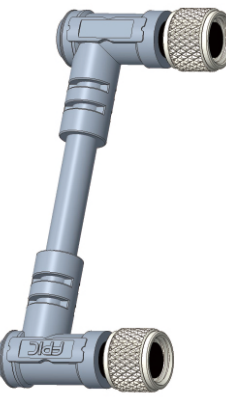
M8 Series Both Ended Connector A/B/D Coding Cable Assembly

Part Number	Part Description	Poles	Type	Cable Material	Shielded/ Unshielded
APMU-1DS3D1S4D04-001M-00	M8 S-Male D Code to M8 S-Female D Code 4 Pos Cable 4C Black L=0.1M	4		PVC	Unshielded
APMS-1DS3D1S4D04-001M-00					Shielded
APMU-1DS3D2S4D04-001M-00				PUR	Unshielded
APMS-1DS3D2S4D04-001M-00					Shielded
APMU-1DS3A1R4A03-001M-00	M8 S-Male A Code to M8 R-Female A Code 3 Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1DS3A1R4A03-001M-00					Shielded
APMU-1DS3A2R4A03-001M-00				PUR	Unshielded
APMS-1DS3A2R4A03-001M-00					Shielded
APMU-1DS3B1R4B05-001M-00	M8 S-Male B Code to M8 R-Female B Code 5 Pos Cable 5C Black L=0.1M	5	PVC	Unshielded	
APMS-1DS3B1R4B05-001M-00				Shielded	
APMU-1DS3B2R4B05-001M-00			PUR	Unshielded	
APMS-1DS3B2R4B05-001M-00				Shielded	
APMU-1DS3D1R4D04-001M-00	M8 S-Male D Code to M8 R-Female D Code 4 Pos Cable 4C Black L=0.1M	4	PVC	Unshielded	
APMS-1DS3D1R4D04-001M-00				Shielded	
APMU-1DS3D2R4D04-001M-00			PUR	Unshielded	
APMS-1DS3D2R4D04-001M-00				Shielded	
APMU-1DR3A1R3A03-001M-00	M8 R-Male A Code to M8 R-Male A Code 3 Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1DR3A1R3A03-001M-00					Shielded
APMU-1DR3A2R3A03-001M-00				PUR	Unshielded
APMS-1DR3A2R3A03-001M-00					Shielded
APMU-1DR3B1R3B05-001M-00	M8 R-Male B Code to M8 R-Male B Code 5 Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1DR3B1R3B05-001M-00					Shielded
APMU-1DR3B2R3B05-001M-00				PUR	Unshielded
APMS-1DR3B2R3B05-001M-00					Shielded
APMU-1DR3D1R3D04-001M-00	M8 R-Male D Code to M8 R-Male D Code 4 Pos Cable 4C Black L=0.1M	4	PVC	Unshielded	
APMS-1DR3D1R3D04-001M-00				Shielded	
APMU-1DR3D2R3D04-001M-00			PUR	Unshielded	
APMS-1DR3D2R3D04-001M-00				Shielded	
APMU-1DR3A1S4A03-001M-00	M8 R-Male A Code to M8 S-Female A Code 3 Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1DR3A1S4A03-001M-00					Shielded
APMU-1DR3A2S4A03-001M-00				PUR	Unshielded
APMS-1DR3A2S4A03-001M-00					Shielded

M8 Series Both Ended Connector A/B/D Coding Cable Assembly

Part Number	Part Description	Poles	Type	Cable Material	Shielded/ Unshielded	
APMU-1DR3B1S4B05-001M-00	M8 R-Male B Code to M8 S-Female B Code 5 Pos Cable 5C Black L=0.1M	5		PVC	Unshielded	
APMS-1DR3B1S4B05-001M-00					Shielded	
APMU-1DR3B2S4B05-001M-00				PUR	Unshielded	
APMS-1DR3B2S4B05-001M-00					Shielded	
APMU-1DR3D1S4D04-001M-00	M8 R-Male D Code to M8 S-Female D Code 4 Pos Cable 4C Black L=0.1M	4			PVC	Unshielded
APMS-1DR3D1S4D04-001M-00						Shielded
APMU-1DR3D2S4D04-001M-00					PUR	Unshielded
APMS-1DR3D2S4D04-001M-00						Shielded
APMU-1DR3A1R4A03-001M-00	M8 R-Male A Code to M8 R-Female A Code 3 Pos Cable 3C Black L=0.1M	3			PVC	Unshielded
APMS-1DR3A1R4A03-001M-00						Shielded
APMU-1DR3A2R4A03-001M-00					PUR	Unshielded
APMS-1DR3A2R4A03-001M-00						Shielded
APMU-1DR3B1R4B05-001M-00	M8 R-Male B Code to M8 R-Female B Code 5 Pos Cable 5C Black L=0.1M	5			PVC	Unshielded
APMS-1DR3B1R4B05-001M-00						Shielded
APMU-1DR3B2R4B05-001M-00					PUR	Unshielded
APMS-1DR3B2R4B05-001M-00						Shielded
APMU-1DR3D1R4D04-001M-00	M8 R-Male D Code to M8 R-Female D Code 4 Pos Cable 4C Black L=0.1M	4			PVC	Unshielded
APMS-1DR3D1R4D04-001M-00						Shielded
APMU-1DR3D2R4D04-001M-00					PUR	Unshielded
APMS-1DR3D2R4D04-001M-00						Shielded
APMU-1DS4A1S4A03-001M-00	M8 S-Female A Code to M8 S-Female A Code 3 Pos Cable 3C Black L=0.1M	3			PVC	Unshielded
APMS-1DS4A1S4A03-001M-00						Shielded
APMU-1DS4A2S4A03-001M-00					PUR	Unshielded
APMS-1DS4A2S4A03-001M-00						Shielded
APMU-1DS4B1S4B05-001M-00	M8 S-Female B Code to M8 S-Female B Code 5 Pos Cable 5C Black L=0.1M	5			PVC	Unshielded
APMS-1DS4B1S4B05-001M-00						Shielded
APMU-1DS4B2S4B05-001M-00					PUR	Unshielded
APMS-1DS4B2S4B05-001M-00						Shielded
APMU-1DS4D1S4D04-001M-00	M8 S-Female D Code to M8 S-Female D Code 4 Pos Cable 4C Black L=0.1M	4			PVC	Unshielded
APMS-1DS4D1S4D04-001M-00						Shielded
APMU-1DS4D2S4D04-001M-00					PUR	Unshielded
APMS-1DS4D2S4D04-001M-00						Shielded

M8 Series Both Ended Connector A/B/D Coding Cable Assembly

Part Number	Part Description	Poles	Type	Cable Material	Shielded/ Unshielded
APMU-1DS4A1R4A03-001M-00	M8 S-Female A Code to M8 R-Female A Code 3 Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1DS4A1R4A03-001M-00					Shielded
APMU-1DS4A2R4A03-001M-00				PUR	Unshielded
APMS-1DS4A2R4A03-001M-00					Shielded
APMU-1DS4B1R4B05-001M-00	M8 S-Female B Code to M8 R-Female B Code 5 Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1DS4B1R4B05-001M-00					Shielded
APMU-1DS4B2R4B05-001M-00				PUR	Unshielded
APMS-1DS4B2R4B05-001M-00					Shielded
APMU-1DS4D1R4D04-001M-00	M8 S-Female D Code to M8 R-Female D Code 4 Pos Cable 4C Black L=0.1M	4		PVC	Unshielded
APMS-1DS4D1R4D04-001M-00					Shielded
APMU-1DS4D2R4D04-001M-00				PUR	Unshielded
APMS-1DS4D2R4D04-001M-00					Shielded
APMU-1DR4A1R4A03-001M-00	M8 R-Female A Code to M8 R-Female A Code 3 Pos Cable 3C Black L=0.1M	3		PVC	Unshielded
APMS-1DR4A1R4A03-001M-00					Shielded
APMU-1DR4A2R4A03-001M-00				PUR	Unshielded
APMS-1DR4A2R4A03-001M-00					Shielded
APMU-1DR4B1R4B05-001M-00	M8 R-Female B Code to M8 R-Female B Code 5 Pos Cable 5C Black L=0.1M	5		PVC	Unshielded
APMS-1DR4B1R4B05-001M-00					Shielded
APMU-1DR4B2R4B05-001M-00				PUR	Unshielded
APMS-1DR4B2R4B05-001M-00					Shielded
APMU-1DR4D1R4D04-001M-00	M8 R-Female D Code to M8 R-Female D Code 4 Pos Cable 4C Black L=0.1M	4		PVC	Unshielded
APMS-1DR4D1R4D04-001M-00					Shielded
APMU-1DR4D2R4D04-001M-00				PUR	Unshielded
APMS-1DR4D2R4D04-001M-00					Shielded

M8 Series Product Parameters

Material

- Contact: Brass, Gold Flash Plating
- Nut: Brass, Nickel Plating
- O-Ring: Silicon Rubber
- Housing: PA
- Over-Molding: PVC or TPU
- Over-Molding Color: Black or Gray

Key Options: A or B or D Coded

M8 Positions:A Coded 3,4,6,8 Poles, B Code 5 Poles, D Code 4 Poles

M8 Single or Both Ended Cable Assembly

Cable Length Options: Custom

Cable Specification

Cable Jacket: PVC or PUR

Cable Assembly:

Shielded or UnShielded Versions

Jacket Color: Black or Gray

Conductor:

≤3A 26AWG/28AWG

>3A 24AWG/26AWG

Mechanical

Durability:100 Cycles

Degree of Protection: IP67

Temperature Range:

-PVC:

Fixed: -40°C to +80°C

Flexible: -20°C to +80°C

-PUR:

Fixed: -40°C to +80°C

Flexible: -20°C to +80°C

Electrical

Current Rating:

A Code 3Poles or 4Poles: 4A

A Code 6Poles or 4Poles: 1.5A

B Code 5Poles: 3A

D Code 4Poles: 4A

Voltage Rating

3-4Poles: 60V

5-8Poles: 30V

Insulation Resistance: 100MΩ Min.

Applications

Industrial Communications

Industrial Machinery

Industrial Automation

Robotics

Machine Tools

Semiconductor Manufacturing

Manufacturing of Solenoid And Sensor Valves

Process Control Systems

Vision Systems

Electronics Manufacturing

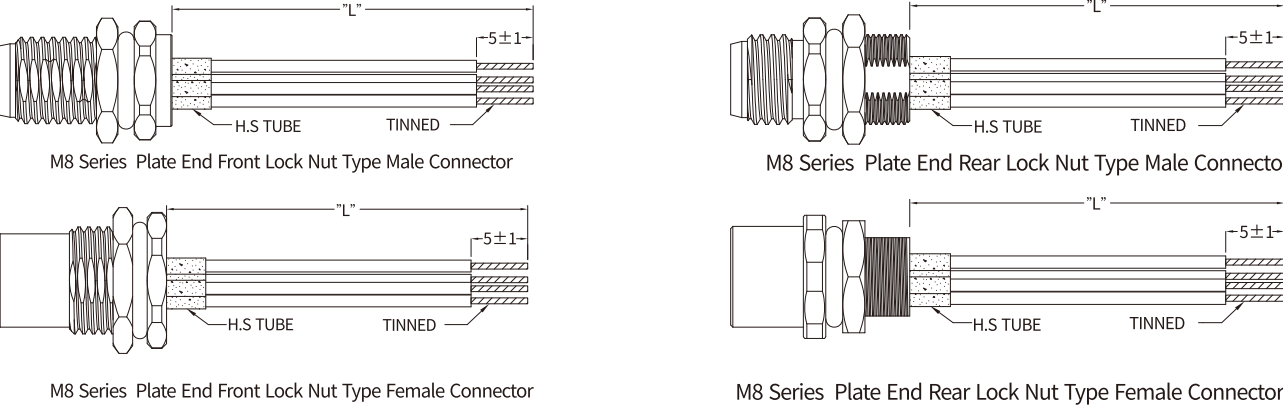
Benefits

M8 Cable Assembly are IP67 sealed and tested in FPIC’ s factory to eliminate the possibility of false wiring or to ensure robust connection

Reduce downtime in harsh environments with reliable industry standard solution that including quick turn, prototype cable Assembly.

Full solution offering including customized and general market cable Assembly enables one-stopshopping and reduced TCO.

M8 Series A Coding Board Ended Connector Harness Assembly Definition



M8 Series A/B/D Coding Board Ended Connector Harness Assembly

Part Number	Part Description	Poles	Type	Wire Material
APMB-F4A0203AW1-001M-00	M8 Female A Code /Contact Plating Gold 3u"/ Rear Lock Nut/ Wire 3C L=0.1M	3		PVC
APMB-F4A0203AW2-001M-00				TPU
APMB-F4A0203AW3-001M-00				PTFE
APMB-B4B0205AW1-001M-00	M8 Female B Code /Contact Plating Gold 3u"/ Rear Lock Nut/ Wire 5C L=0.1M	5		PVC
APMB-B4B0205AW2-001M-00				TPU
APMB-B4B0205AW3-001M-00				PTFE
APMB-B4D0204AW1-001M-00	M8 Female D Code /Contact Plating Gold 3u"/ Rear Lock Nut/ Wire 4C L=0.1M	4		PVC
APMB-B4D0204AW2-001M-00				TPU
APMB-B4D0204AW3-001M-00				PTFE

M8 Series A/B/D Coding Board Ended Connector Harness Assembly

Part Number	Part Description	Poles	Type	Wire Material
APMB-F3A0203AW1-001M-00	M8 Male A Code / Contact Plating Gold 3u"/ Front Lock Nut/ Wire 3C L=0.1M	3		PVC
APMB-F3A0203AW2-001M-00				TPU
APMB-F3A0203AW3-001M-00				PTFE
APMB-F3B0205AW1-001M-00	M8 Male B Code / Contact Plating Gold 3u"/ Front Lock Nut/ Wire 5C L=0.1M	5		PVC
APMB-F3B0205AW2-001M-00				TPU
APMB-F3B0205AW3-001M-00				PTFE
APMB-F3D0204AW1-001M-00	M8 Male D Code / Contact Plating Gold 3u"/ Front Lock Nut/ Wire 4C L=0.1M	4		PVC
APMB-F3D0204AW2-001M-00				TPU
APMB-F3D0204AW3-001M-00				PTFE
APMB-B3A0203AW1-001M-00	M8 Male A Code / Contact Plating Gold 3u"/ Rear Lock Nut/ Wire 3C L=0.1M	3		PVC
APMB-B3A0203AW2-001M-00				TPU
APMB-B3A0203AW3-001M-00				PTFE
APMB-B3B0205AW1-001M-00	M8 Male B Code / Contact Plating Gold 3u"/ Rear Lock Nut/ Wire 5C L=0.1M	5		PVC
APMB-B3B0205AW2-001M-00				TPU
APMB-B3B0205AW3-001M-00				PTFE
APMB-B3D0204AW1-001M-00	M8 Male D Code / Contact Plating Gold 3u"/ Rear Lock Nut/ Wire 4C L=0.1M	4		PVC
APMB-B3D0204AW2-001M-00				TPU
APMB-B3D0204AW3-001M-00				PTFE
APMB-F4A0203AW1-001M-00	M8 Female A Code / Contact Plating Gold 3u"/ Front Lock Nut/ Wire 3C L=0.1M	3		PVC
APMB-F4A0203AW2-001M-00				TPU
APMB-F4A0203AW3-001M-00				PTFE
APMB-F4B0205AW1-001M-00	M8 Female B Code / Contact Plating Gold 3u"/ Front Lock Nut/ Wire 5C L=0.1M	5		PVC
APMB-F4B0205AW2-001M-00				TPU
APMB-F4B0205AW3-001M-00				PTFE
APMB-F4D0204AW1-001M-00	M8 Female D Code / Contact Plating Gold 3u"/ Front Lock Nut/ Wire 4C L=0.1M	4		PVC
APMB-F4D0204AW2-001M-00				TPU
APMB-F4D0204AW3-001M-00				PTFE

M8 Series Board End Product Parameters

Material

- Contact: Brass, Gold Flash Plating
- Nut: Brass, Nickel Plating
- O-Ring: Silicon Rubber
- Housing: PA
- M8 Positions:A Coded 3,4,6,8 Poles, B Code 5 Poles, D Code 4 Poles
- Wire Length Options: Custom

Wire or Cable Specifications

Wire or Cable Specifications:
Cable Jacket: PVC or PUR
Wire Jacket: PVC or PUR or PTFE
Conductor:
≤3A 26AWG/28AWG
>3A 24AWG/26AWG

Mechanical

Durability:100 Cycles
Degree of Protection: IP67
Temperature Range:
-PVC Wire:
Fixed: -40°C to +80°C
-PUR Wire:
Fixed: -40°C to +80°C
-PTFE Wire:
Fixed: -100°C to +200°C

Electrical

Current Rating:
A Code 3Poles or 4Poles: 4A
A Code 6Poles or 4Poles: 1.5A
B Code 5Poles: 3A
D Code 4Poles: 4A
Voltage Rating:
3-4Poles: 60V
5-8Poles: 30V
Insulation Resistance:100MΩ Min.

**“STRIVING FOR PERFECTION
IN EVERY THINGS
YOU DO”**

By : Sir Henry Royce