



特點 Features

- 標準 M23 螺紋式圓形連接器
- 提供 2 種信號連接器：12，17 芯
- 提供 2 種電源連接器：6，8，9 芯
- 提供壓接接線方式，方便施工和可靠連接
- 高性價比鍍金壓接車針需另購
- Conforms to M23 threaded circular connector standard
- Provide 2 Signal connectors: 12, 17 poles
- Provide 2 Power connectors: 6, 8, 9 poles
- Crimping terminations for reliable mating and easy processing
- Cost-effective gold-plated crimp contacts should be ordered separately

防水等級 IP67
Waterproof

技術參數 Technical Data

項目 Item	芯數 Poles	12	17	6(5+PE)	8(3+PE+4)	9(3+PE+5)
Rated Current		8A	8A	28A	28A*4 8A*4	28A*4 8A*5
Rated Voltage		200V	160V	630V	630V 200V	630V 200V
Contact Resistance		≤3MΩ	≤3MΩ	≤3MΩ	≤3MΩ	≤3MΩ
Insulation Resistance		≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω	≥10 ¹⁰ Ω
Working Temperature		-40℃ ~ +125℃	-40℃ ~ +125℃	-40℃ ~ +125℃	-40℃ ~ +125℃	-40℃ ~ +125℃
Insulation Material		PBT	PBT	PBT	PBT	PBT
Contact Material		Gold-plated Copper Alloy	Gold-plated Copper Alloy	Gold-plated Copper Alloy	Gold-plated Copper Alloy	Gold-plated Copper Alloy
Mating/Unmating Cycles		>500	>500	>500	>500	>500
Connection Type		Crimp	Crimp	Crimp	Crimp	Crimp
Contact / Wire Size		12*Ø1.0 / 1.0mm ²	17*Ø1.0 / 1.0mm ²	6*Ø2.0 / 2.5mm ²	4*Ø2.0 / 2.5mm ² 4*Ø1.0 / 1.0mm ²	4*Ø2.0 / 2.5mm ² 5*Ø1.0 / 1.0mm ²

XM23壓接車針 XM23 Machined Crimp Contacts

信號針 Singal Contacts



針號 Size	線徑 Wire Gauge	剝線長度 Stripping Length	表面處理 Plating	公針型號 Male P/N	母針型號 Female P/N
Ø1.0	0.14-1.0mm ² /AWG26-16	6mm	鍍金 Au	XM23-M-1.0U-1.0	XM23-F-1.0U-1.0

電源針 Power Contacts



針號 Size	線徑 Wire Gauge	剝線長度 Stripping Length	表面處理 Plating	公針型號 Male P/N	母針型號 Female P/N
Ø2.0	0.35-2.5mm ² /AWG18-14	9mm	鍍金 Au	XM23-M-2.0U-2.5	XM23-F-2.0U-2.5
Ø2.0	2.5-4.0mm ² /AWG14-12	9mm	鍍金 Au	XM23-M-2.0U-4.0	XM23-F-2.0U-4.0

壓接工具 Crimping Tool

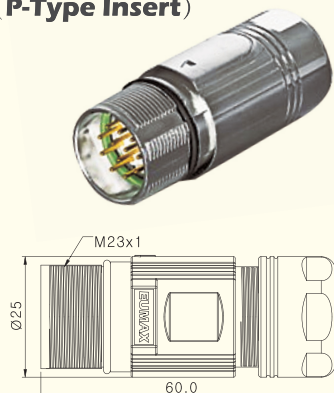


項目 ITEM	產品 Product	大線徑壓接鉗 Upper Range Crimp Tool	小線徑壓接鉗 Lower Range Crimp Tool	大線徑氣動壓接工具 Upper Range Pneumatic Crimp Tool
型號 P/N		XT-AF8-UH2-5	XT-AFM8-SK2/2	XT-WA27F
標準 Standard		M22520/1-01with M22520/1-05	M22520/2-01with SK2/2 positioner	XWA27F can accommodate TH-XXX, TP-XXX MIL-Standard and Commercial Series turret heads and positioners
線徑 Wire Size		12-26AWG 3.3mm ² ~0.13mm ²	20-32AWG 0.5mm ² ~0.032mm ²	12-26AWG 3.3mm ² ~0.13mm ²

產品尺寸圖 Dimension

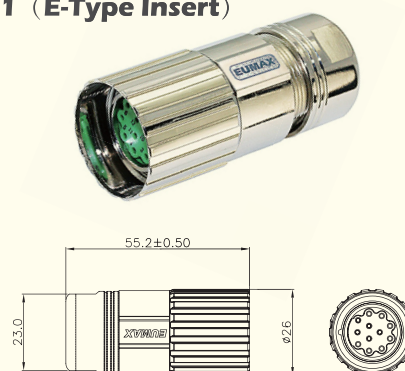
■ MSA-SH1 (E-Type Insert)

■ MSI-SH1 (P-Type Insert)



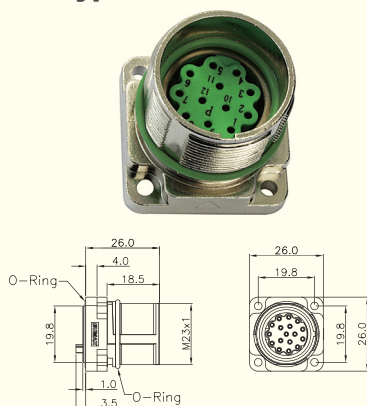
■ FSA-SH1 (P-Type Insert)

■ FSI-SH1 (E-Type Insert)



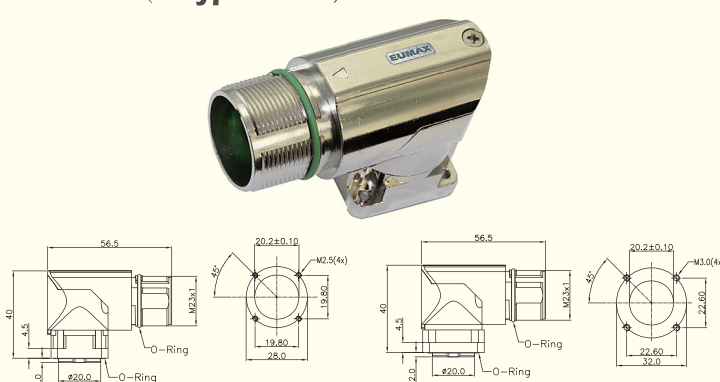
■ MBA-LA (E-Type Insert)

■ MBI-LA (P-Type Insert)



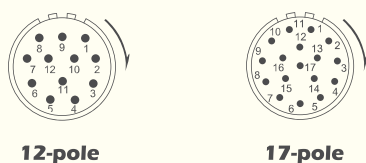
■ MBA-LP (E-Type Insert)

■ MBI-LP (P-Type Insert)



觸點排布圖 Insert Arrangements (Mating Side View)

■ E型觸點腳位圖 E-Type Insert Arrangements



■ P型觸點腳位圖 P-Type Insert Arrangements



訂購編號 Ordering Information

訂購編號 ORDERING INFORMATION

XM23 - FSA - 17 C - SH1 - A

Series ① ② ③ ④ ⑤

① 連接器類型 Connector Type

MSA 直型公插頭	Straight Extension, Pin Contact E-Type
MSI 直型公插頭	Straight Extension, Pin Contact P-Type
FSA 直型母插頭	Straight Plug, Socket Contact P-Type
FSI 直型母插頭	Straight Plug, Socket Contact E-Type
FSAQ 快鎖母插頭	Q.C. Plug, Socket Contact P-Type
FSIQ 快鎖母插頭	Q.C. Plug, Socket Contact E-Type
MBA 公插座	Receptacle, Pin Contact E-Type
MBI 公插座	Receptacle, Pin Contact P-Type

② 芯數 Poles

12 12 芯
17 17 芯

12 Poles
17 Poles

③ 壓接針 Crimp Contacts

Blank 不附壓接針
C 附壓接針

w/o Crimp Contacts
with Crimp Contacts

④ 安裝方式 Mounting Type

SH1 纜纜接頭安裝
LA6 直型盒式安裝
LP6 可旋轉彎型盒式安裝
LP8 可旋轉彎型盒式安裝

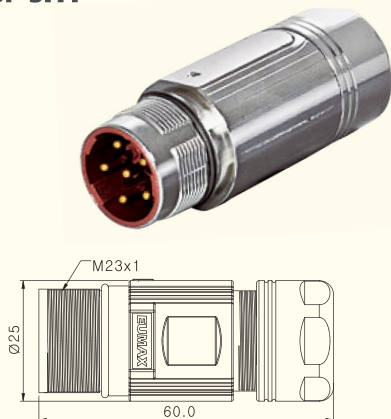
Shielding Cable Clamp
Straight Box Mounting
Angled, Rotatable Mounting 26X26
Angled, Rotatable Mounting 28X28

⑤ 電纜外徑範圍 Cable Range

A 6.0~8.3mm
B 8.3~12.3mm
C 12.3~14.3mm

產品尺寸圖 Dimension

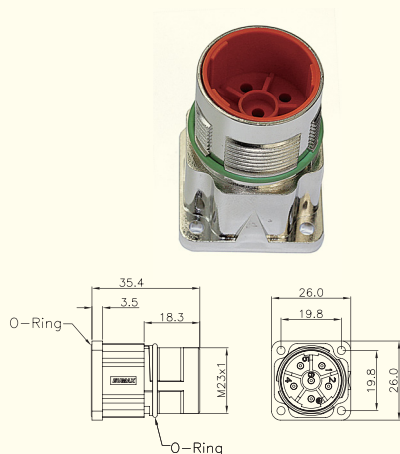
■ MSP-SH1



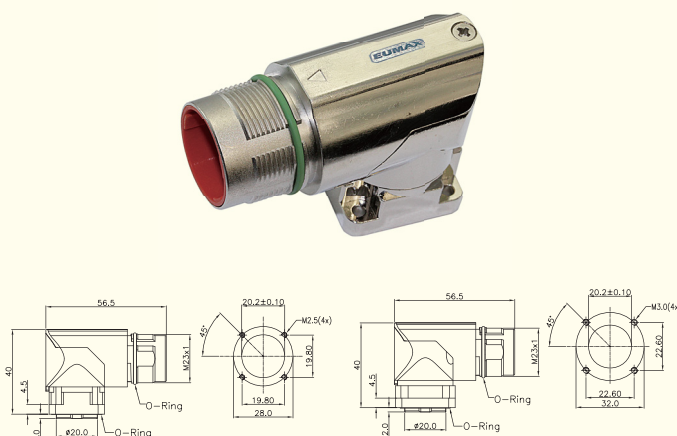
■ FSP-SH1



■ MBP-LA



■ MBP-LP

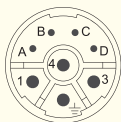


觸點排布圖 Insert Arrangements (Mating Side View)

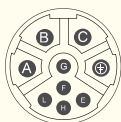
■ 公觸點腳位圖 Male Contact Arrangements



6-Pole
5+PE

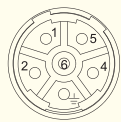


8-Pole
3+PE+4

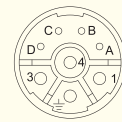


9-Pole
3+PE+5

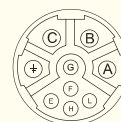
■ 母觸點腳位圖 Female Contact Arrangements



6-Pole
5+PE



8-Pole
3+PE+4



9-Pole
3+PE+5

訂購編號 Ordering Information

訂購編號
ORDERING INFORMATION

XM23 - FSP - 6 C - SH1 - A

Series

①

②

③

④

⑤

① 連接器類型 Connector Type

MSP直型公插頭 Straight Plug, Pin Contact
FSP直型母插頭 Straight Plug, Socket Contact
FSPQ快鎖母插頭 Q.C. Plug, Socket Contact
MBP直型公插座 Straight Bulkhead, Pin Contact

② 芯數 Poles

③ 壓接針 Crimp Contacts

④ 安裝方式 Mounting Type

⑤ 電纜外徑範圍 Cable Range

6 6 芯 (5+PE)
8 8 芯 (3+PE+4)
9 9 芯 (3+PE+5)

Blank 不附壓接針
C 附壓接針

SH1 纜纏接頭安裝
LA6 直型盒式安裝
LP6 可旋轉彎型盒式安裝
LP8 可旋轉彎型盒式安裝

A 6.0~8.3mm
B 8.3~12.3mm
C 12.3~14.3mm
D 14.3~17.0mm

6 Poles (5+PE)
8 Poles (3+PE+4)
9 Poles (3+PE+5)

w/o Crimp Contacts
with Crimp Contacts

Shielding Cable Clamp
Straight Box Mounting
Angled, Rotatable Mounting 26X26
Angled, Rotatable Mounting 28X28