



Technical characteristics M12 Power

Type	HARAX® M12 Power	M12 Power Crimp
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General data

Conductor cross section	0.75 – 1.5 mm ² AWG 18-16	0.5 – 2.5 mm ² AWG 20-14
Cable diameter	5.8 - 13.5 mm	5.8 - 13.5 mm
Temperature range	-40 °C ... +85 °C	-40 °C ... +85 °C
Degree of protection	IP65 / IP67	IP65 / IP67
Mating cycles	500	500
Recommended tightening torque / Hexagonal wrench	0.6 Nm / SW 17	0.6 Nm / SW 17

Electrical characteristics

Rated current	12 A	16 A
Rated voltage	63 V DC	63 V DC

Materials

Contact material	Copper	Copper
Contact plating	Gold	Gold
Contact carrier material	PA	PA
Housing material	ZP410	ZP410

M12 Power Panel feed-through

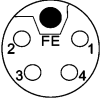


L-coding



Male, 5 poles

L-coding



Female, 5 poles



Identification	Part number	Drawing	Dimensions in mm
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M12 Power Panel feed-through



Male

5 poles, L-coding
30 cm conductors, 1.5 mm²
30 cm conductors, 2.5 mm²

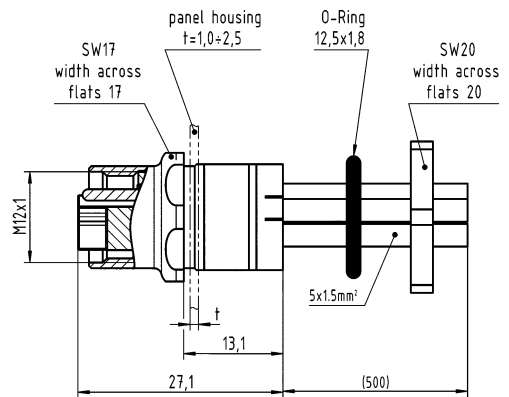
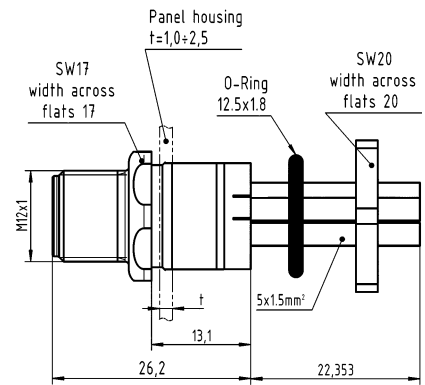
21 03 596 1505
21 03 599 1505

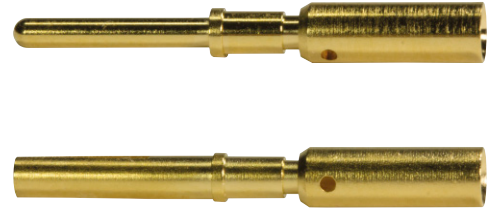


Female


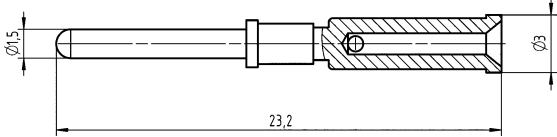

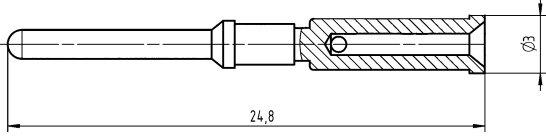

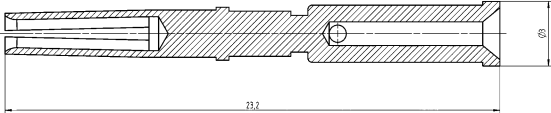
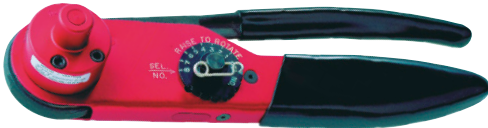
5 poles, L-coding
30 cm conductors, 1.5 mm²
30 cm conductors, 2.5 mm²

21 03 596 2505
21 03 599 2505





M12 Power crimp contacts

Identification	Part number	Drawing	Dimensions in mm
M12 Power individual contacts			
 Turned male contacts 23.2 mm length AWG 21 / 0.5 mm ² AWG 20 / 0.75 mm ² AWG 16 / 1.5 mm ² AWG 14 / 2.5 mm ²	21 01 100 9923 21 01 100 9924 21 01 100 9925 21 01 100 9926		
 Turned FE* male contacts 24.8 mm length AWG 21 / 0.5 mm ² AWG 20 / 0.75 mm ² AWG 16 / 1.5 mm ² AWG 14 / 2.5 mm ²	21 01 100 9927 21 01 100 9928 21 01 100 9929 21 01 100 9930		
 Turned female contacts 23.2 mm length AWG 21 / 0.5 mm ² AWG 20 / 0.75 mm ² AWG 16 / 1.5 mm ² AWG 14 / 2.5 mm ²	21 01 100 9931 21 01 100 9932 21 01 100 9933 21 01 100 9934		
Hand crimp tool	09 99 000 0509		
Positioner (To be ordered separately)	09 99 000 0638		

*FE: function grounding