



Pushing Performance
Since 1945

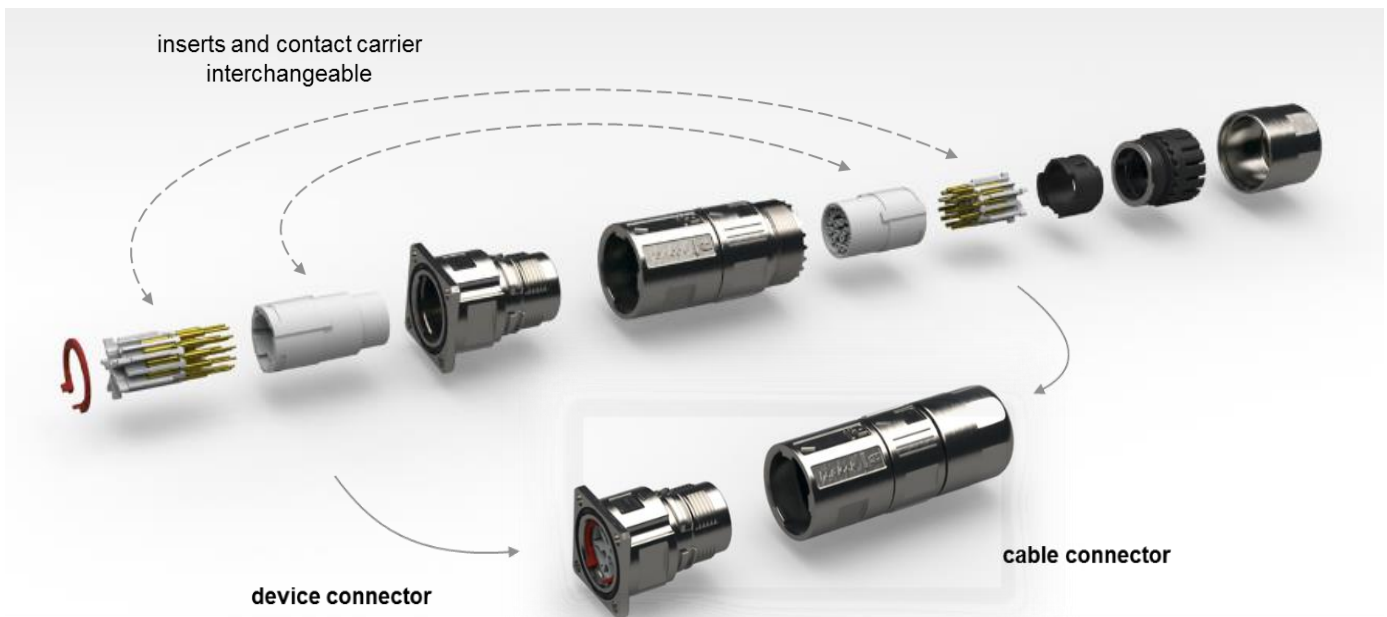


PEOPLE. POWER. PARTNERSHIP.

HARTING M17 – Metric Circular Connectors

Building Block – Configure your connector

HARTING M17 Metric Circular Connectors



M17 circular connectors offer a high degree of flexibility and versatility in a compact and robust housing. With their high contact density and large current carrying capacity in a small installation space, the M17 circular connectors are ideal for use in systems with limited space. The har-lock fast locking system is pluggable with the M17 fast locking systems Speedtec and ONECLICK.

Advantages:



Modular product portfolio enables many combinations



Conventional mating faces enable compatibility with competitors



Temperature range from -40°C to +125°C



M17 connectors are lead free

Target Markets:



Motion & Drives



Robotics


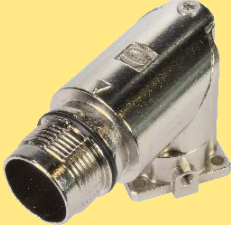




Automation

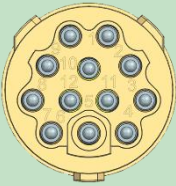
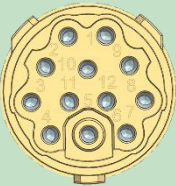
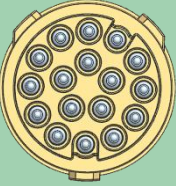
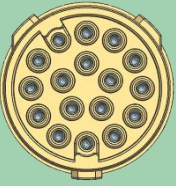


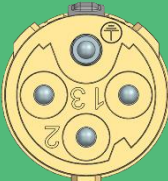
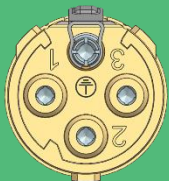
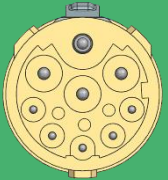
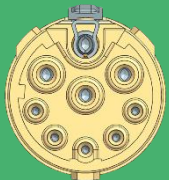
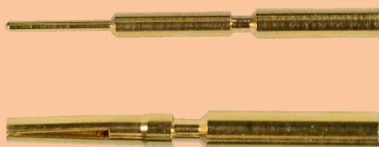
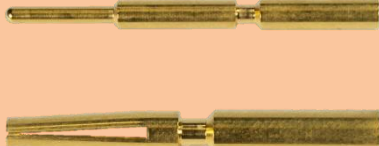

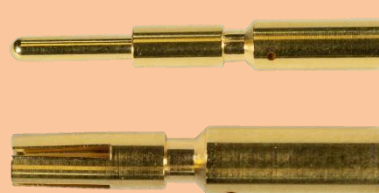
Intralogistic Systems

M17 – hoods/housings

	Image	Description		Part Number
Device Side		Coupling connector	M17 Hood, cable-to-cable,3,5-6,5mm	21 17 200 1100
			M17 Hood, cable-to-cable,6,5-10mm	21 17 200 1200
			M17 Hood, cable-to-cable,10-13,5mm	21 17 200 1300
		Angled flange 21mm	M17 Housing, flange 21 mm, angled	21 17 200 6100
Cable Side		Screw connection	M17 Hood, screw, straight,3,5-6,5mm	21 17 100 0100
			M17 Hood, screw, straight,6,5-10mm	21 17 100 0200
			M17 Hood, screw, straight,10-13,5mm	21 17 100 0300
		Bayonet connection	M17 Hood, har-lock, straight,3,5-6,5mm	21 17 200 0100
			M17 Hood, har-lock, straight,6,5-10mm	21 17 200 0200
			M17 Hood, har-lock, straight,10-13,5mm	21 17 200 0300

M17 – Signal inserts

12-poles	Male	Female	Crimp termination	M17 Insert, crimp, 12-pole, male	21 17 503 0000
				M17 Insert, crimp, 12-pole, female	21 17 504 0000
17-Poles	Male	Female	Crimp termination	M17 Insert, crimp, 17-pole, male	21 17 505 0000
				M17 Insert, crimp, 17-pole, female	21 17 506 0000

M17 – Power inserts					
3+PE	Male	Female	Crimp termination	M17 Insert, crimp, 3+PE, male	21 17 521 0000
				M17 Insert, crimp, 3+PE, female	21 17 522 0000
5+3+PE	Male	Female	Crimp termination	M17 Insert, crimp, 5+3+PE, male	21 17 529 0000
				M17 Insert, crimp, 5+3+PE, female	21 17 530 0000
M17 – crimp contacts					
Crimp contacts		0.6 mm crimp contacts	male,0,08-0,14mm ²	21 17 061 0000	
			female,0,08-0,14mm ²	21 17 062 0000	
			male,0,25-0,5mm ²	21 17 063 0000	
			female,0,25-0,5mm ²	21 17 064 0000	
		1 mm crimp contacts	male,0,08-0,14mm ²	21 17 065 0000	
			female,0,08-0,14mm ²	21 17 066 0000	
			male,0,25-0,5mm ²	21 17 067 0000	
			female,0,25-0,5mm ²	21 17 068 0000	
			male,0,75-1,0mm ²	21 17 069 0000	
			female,0,75-1,0mm ²	21 17 070 0000	
		1 mm crimp contacts only suitable for 5+3+PE	male,1,5mm ²	21 17 071 0000	
			female,1,5mm ²	21 17 072 0000	
		1.5 mm crimp contacts	male,0,25-0,5mm ²	21 17 073 0000	
			female,0,25-0,5mm ²	21 17 074 0000	
			male,0,75-1,0mm ²	21 17 075 0000	
			female,0,75-1,0mm ²	21 17 076 0000	
			male,1,5-2,5mm ²	21 17 077 0000	
			female,1,5-2,5mm ²	21 17 078 0000	

M 17 – accessories				
Protection cover			M17 Protection cover IP40 – Inter. lock.	21 17 000 0001
			M17 Protection cover IP40 -Exter. Lock.	21 17 000 0002

Key figures				
	Signal		Power	
	12 Pin	17 Pin	3+PE	5+3+PE
Nominal Voltage	32V	63V	630V	63 / 630V
Nominal Current	7A	3,6A	20A	3,6 / 14A
Current @ 40°C	11A	5,5A	26A	3,6 / 17,5A
Cross section	0.08 – 1.5mm ²	0.08 – 0.56mm ²	0.25 – 2.5mm ²	0.08 – 0.56mm ² / 0.08 – 1.5mm ²
Contacts	1mm	0.6mm	1.5mm	5x0.6mm / 4x1mm



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