



Pushing Performance
Since 1945

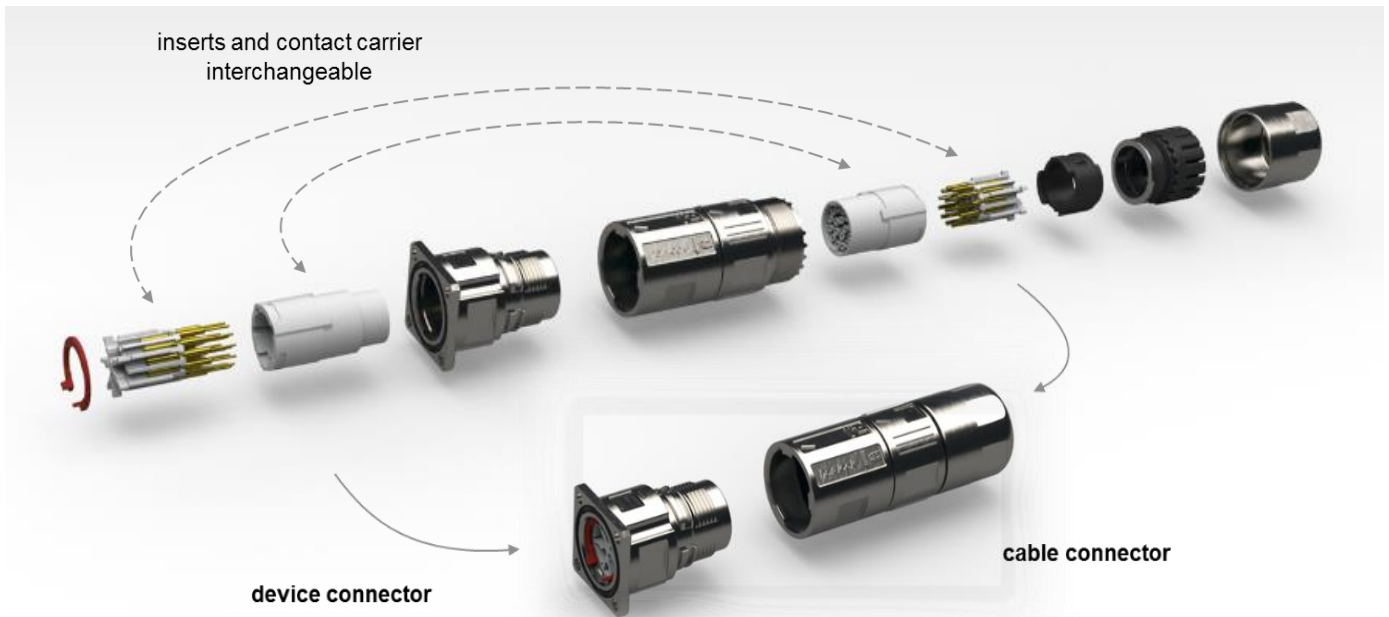


PEOPLE. POWER. PARTNERSHIP.

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.

Advantages:



Modular product portfolio enables many combinations



Conventional mating faces enable compatibility with competitors



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



M17 connectors and contacts are lead free

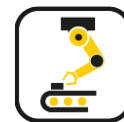
Markets:



Motion & Drives



Robotics





Automation



Intralogistic Systems

M17 – hoods/housings






	Image	Description		Part Number
Device Side		Coupling connector Housing	M17-COUPH-SCR/BAY-STR -3.5-6.5mm	21 17 200 1100
			M17-COUPH-SCR/BAY-STR-6.5-10mm	21 17 200 1200
			M17-COUPH-SCR/BAY-STR-10-13mm	21 17 200 1300
		Panel Feed Through Housing with M20x1,5 Locking nut	M17-PFTH-SCR/BAY-STR-M20X1.5-3.5-6.5	21 17 200 3100
			M17-PFTH-SCR/BAY-STR-M20X1.5-6.5-10	21 17 200 3200
			M17-PFTH-SCR/BAY-STR-M20X1.5-6.5-10	21 17 200 3300
		Straight Device Flange 21x21mm	M17-DEVH-SCR/BAY-STR-FM-21X21-2.7	21 17 200 4100
		Straight Device Flange M18x0,75	M17-DEVH-SCR/BAY-STR-FM-M18X0.75	21 17 200 4600
		Device Flange Housing angled turnable	M17 Housing, flange 21x21 mm, angled	21 17 200 6400
			M17 Housing, flange 25x25 mm, angled	21 17 200 6200
M17 Housing, flange 28x28 mm, angled			21 17 200 6300	

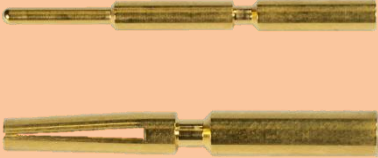

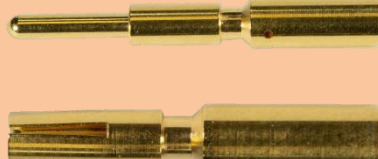
Cable Side		Cable connector Housing with Screw locking	M17 Hood, screw, straight,3,5-6,5mm M17 Hood, screw, straight,6,5-10mm M17 Hood, screw, straight,10-13,5mm	21 17 100 0100 21 17 100 0200 21 17 100 0300
		Cable connector Housing with Bayonet locking	M17 Hood, har-lock, straight,3,5-6,5mm M17 Hood, har-lock, straight,6,5-10mm M17 Hood, har-lock, straight,10-13,5mm	21 17 200 0100 21 17 200 0200 21 17 200 0300

M17 – Signal inserts

8-poles		Crimp termination	M17-INS-SIG-CRT-8P-MA M17-INS-SIG-CRT-8P-FE	21 17 501 0000 21 17 502 0000
12-poles		Crimp termination	M17-INS-SIG-CRT-12P-MA M17-INS-SIG-CRT-12P-FE	21 17 503 0000 21 17 504 0000
17-Poles		Crimp termination	M17-INS-SIG-CRT-17P-MA M17-INS-SIG-CRT-17P-FE	21 17 505 0000 21 17 506 0000

M17 – Power inserts

3+PE		Crimp termination	M17-INS-POW-CRT-4P-3+PE-MA M17-INS-POW-CRT-4P-3+PE-MA	21 17 521 0000 21 17 522 0000
5+PE		Crimp termination	M17-INS-POW-CRT-6P-5+PE-MA M17-INS-POW-CRT-6P-5+PE-FE	21 17 523 0000 21 17 524 0000
6+PE		Crimp termination	M17-INS-POW-CRT-7P-6+PE-MA M17-INS-POW-CRT-7P-6+PE-FE	21 17 525 0000 21 17 526 0000
7+PE		Crimp termination	M17-INS-POW-CRT-8P-7+PE-MA M17-INS-POW-CRT-8P-7+PE-FE	21 17 527 0000 21 17 528 0000
5+3+PE		Crimp termination	M17-INS-HYB-CRT-9P-5+3+PE-MA M17-INS-HYB-CRT-9P-5+3+PE-FE	21 17 529 0000 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	
	8 Pin	12 Pin	17 Pin	5+3+PE
Nominal Voltage	63V	32V	63V	63 / 630V
Nominal Current		7A	3,6A	3,6 / 14A
Current @ 40°C		11A	5,5A	3,6 / 17,5A
Cross section		0.08 – 1mm ²	0.08 – 0.56mm ²	0.08 – 0.56mm ² / 0.08 – 1.5mm ²
Contacts		1mm	0.6mm	5x0.6mm / 4x1mm
	Power			
	3+PE	5+PE	6+PE	7+PE
Nominal Voltage	630V	630V	630V	630V
Nominal Current	20A	14A	14A	14A
Current @ 40°C	26A	14A	13A	12A
Cross section	0.25 – 2.5mm ²	0.08 – 1mm ²	0.08 – 1mm ²	0.08 – 1mm ²
Contacts	1.5mm	1mm	1mm	1mm



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