

SUPPLEMENTAL to the North American Cabling Solutions Catalog

Includes new part numbers added in 2020 and 2021



NEW High-flex Ethernet 600 V jacket cables

www.phoenixcontact.com/us-highflexethernet



# Wires		Configuration	0.3 M	0.5 M	1 M	2 M	3 M	5 M	10 M	15 M	20 M	30 M	40 M	Configurable
4-wire (2-pair)	M12 D-Code	M12 Male Straight / Open End	-	-	-	1192174	-	1192173	1192172	1192171	1192170	1192169	1192168	1201754/.../...
		M12 Male 90° / Open End	-	-	-	1192167	-	1192166	1192165	-	-	-	-	1201755/.../...
		M12 Female Straight / Open End	-	-	-	1192164	-	1192161	1192159	-	-	-	-	1201757/.../...
		M12 Female 90° / Open End	-	-	-	1192158	-	1192157	1192156	-	-	-	-	1201753/.../...
	RJ45	M12 Male Straight / M12 Male Straight	-	1192155	-	1192154	-	1192152	1192151	1192150	1192149	1192148	1192147	1201758/.../...
		M12 Male Straight / M12 Female Straight	-	1192146	-	1192145	-	-	-	-	-	-	-	1201759/.../...
		M12 Male 90° / M12 Male 90°	-	1192144	-	1192143	-	-	-	-	-	-	-	1201760/.../...
		M12 Male 90° / M12 Female 90°	-	1192142	-	1192141	-	-	-	-	-	-	-	1201761/.../...
		M12 Male Straight / RJ45 Straight	-	1192140	-	1192139	-	1192138	1192137	1192136	1192135	1192134	1192133	1201762/.../...
		M12 Male 90° / RJ45 Straight	-	1192132	-	1192131	-	-	-	-	-	-	-	1201763/.../...
		RJ45 Straight / RJ45 Straight	1199417	1199415	1199413	1199412	1199411	1199410	1199408	1199405	1199404	-	-	-
	M12 A-Code	M12 Male Straight / Open End	-	-	-	1192130	-	1192129	1192128	1192126	1192124	1192123	1192122	1201764/.../...
		M12 Male 90° / Open End	-	-	-	1192121	-	1192120	1192119	-	-	-	-	1201765/.../...
		M12 Female Straight / Open End	-	-	-	1192118	-	1192117	1192116	-	-	-	-	1201766/.../...
		M12 Female 90° / Open End	-	-	-	1192115	-	1192114	1192113	-	-	-	-	1201767/.../...
		M12 Male Straight / M12 Male Straight	-	1192112	-	1192111	-	1192110	1192109	1192108	1192107	1192106	1192105	1201768/.../...
		M12 Male Straight / M12 Female Straight	-	1192104	-	1192103	-	-	-	-	-	-	-	1201770/.../...
		M12 Male 90° / M12 Male 90°	-	1192102	-	1192101	-	-	-	-	-	-	-	1201771/.../...
		M12 Male 90° / M12 Female 90°	-	1192100	-	1192098	-	-	-	-	-	-	-	1201773/.../...
8-wire (4-pair)	RJ45	M12 Male Straight / RJ45 Straight	-	1192096	-	1192095	-	1192094	1192093	1192092	1192091	1192090	1192089	1201774/.../...
		M12 Male 90° / RJ45 Straight	-	1192088	-	1192087	-	-	-	-	-	-	-	1201775/.../...
		RJ45 Straight / RJ45 Straight	1199422	1199427	1199426	1199425	1199424	1199423	1199421	1199420	1199418	-	-	-

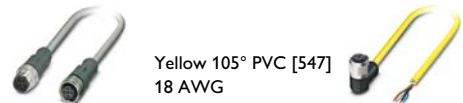


NEW Sensor cable materials for CMAT

www.phoenixcontact.com/cordsets

Gray 105° PVC [544]
22 AWG or 24 AWG

Yellow 105° PVC [547]
18 AWG



Configuration	M8 A-code				M12 A-code							
	3-pos.		4-pos.		3-pos.		4-pos.		5-pos.		8-pos.	
	Unshielded	Shielded	Unshielded	Shielded	Unshielded	Shielded	Unshielded	Shielded	Unshielded	Shielded	Unshielded	Shielded
Female Straight / Open End	1405956/.../...	1405834/.../...	1405923/.../...	1405822/.../...	1405958/.../...	1405933/.../...	1405925/.../...	1405900/.../...	1405892/.../...	1405884/.../...	1405851/.../...	1405843/.../...
Female 90° / Open End	1405957/.../...	1405835/.../...	1405924/.../...	1405823/.../...	1405959/.../...	1405934/.../...	1405926/.../...	1405901/.../...	1405893/.../...	1405885/.../...	1405852/.../...	1405844/.../...
Male Straight / Open End	1405939/.../...	1405830/.../...	1405906/.../...	1405818/.../...	1405949/.../...	1405929/.../...	1405916/.../...	1405896/.../...	1405888/.../...	1405879/.../...	1405847/.../...	1405839/.../...
Male 90° / Open End	1405944/.../...	1405833/.../...	1405911/.../...	1405821/.../...	1405955/.../...	1405932/.../...	1405922/.../...	1405899/.../...	1405891/.../...	1405883/.../...	1405850/.../...	1405842/.../...
Male Straight / Female Straight	1405935/.../...	1405828/.../...	1405902/.../...	1405810/.../...	1405947/.../...	1405927/.../...	1405914/.../...	1405894/.../...	1405886/.../...	1405877/.../...	1405845/.../...	1405836/.../...
Male Straight / Female 90°	1405936/.../...	1405829/.../...	1405903/.../...	1405817/.../...	1405948/.../...	1405928/.../...	1405915/.../...	1405895/.../...	1405887/.../...	1405878/.../...	1405846/.../...	1405838/.../...
Male 90° / Female Straight	1405940/.../...	1405831/.../...	1405907/.../...	1405819/.../...	1405953/.../...	1405930/.../...	1405919/.../...	1405897/.../...	1405889/.../...	1405880/.../...	1405848/.../...	1405840/.../...
Male 90° / Female 90°	1405941/.../...	1405832/.../...	1405908/.../...	1405820/.../...	1405954/.../...	1405931/.../...	1405920/.../...	1405898/.../...	1405890/.../...	1405881/.../...	1405849/.../...	1405841/.../...

Table Key: CMAT now configurable with Gray PVC and Yellow 18 AWG

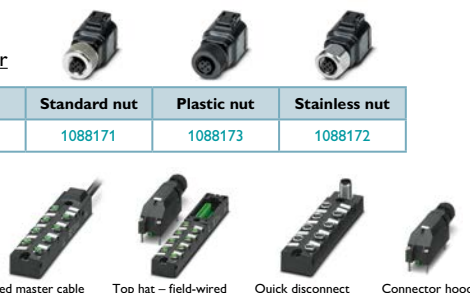
 CMAT now configurable with Gray PVC



NEW DT adapter

www.phoenixcontact.com/us-DTadapter

M12 connector	DT connector	Standard nut	Plastic nut	Stainless nut
5-pos Female A-code	DEUTSCH DT04-6P	1088171	1088173	1088172



NEW M8 sensor actuator boxes

www.phoenixcontact.com/us-sensorboxes

Updated M8 sensor box range, page 27*					
PNP with LEDs		4 slot	6 slot	8 slot	10 slot
		Single (3-pos.)	Single (3-pos.)	Single (3-pos.)	Double (4-pos.)
Molded master cable	5 m	1197207 4516014	1197216 4516030	1197232 4516056	1197314 4516114
	10 m	1197212 4516027	1197231 4516043	1197236 4516069	1197319 4516124
Top hat	-	1197589 4503412	1197608 4503425	1197611 4514750	1197617 4503467
	-	1197405 4516234	1197408 4516247	1197575 4434840	1197576 4434853
M12 quick disconnect	Straight	1197637 4524229	1197641 4524216	1197643 4516425	1197646 4516412
Connector hood	-				

* Parts were discontinued and replaced by new part numbers shown here



Fast delivery with our factory inventory of catalog products.
Product sections with this logo are manufactured domestically in Harrisburg, Pennsylvania. These items have fast lead times, with no borders or added logistics. Increased production capacity positions these items well to support rapid growth.



NEW Bulk cable reels

www.phoenixcontact.com/cablereels

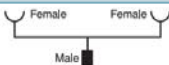


Style	Cable jacket material	Number of wires	Wire configuration	Wire size		Wire size		Cable diameter	Cable type	Cables spools		Often used with	
				Shield	Jacket color	AWG	mm²			100 meters	300 meters		
Ethernet cable	High-Flex 600 V TPE	4 (2x2)	2x2, 100 Mbps	Braided SF-UTP	Teal	24 AWG	0.25 mm²	6.7 mm	93F	1180721	1180722	M12 D-code	
		8 (4x2)	4x2, 1 Gbps	Braided SF-UTP	Teal	24 AWG	0.25 mm²	7.4 mm	94L	1180723	1180724	M12 A-code	
Sensor cable	PVC	3	3 Wires	No	Yellow	18 AWG	1.0 mm²	5.7 mm	547	1070218	1070219	M12 A-code	
			3 Wires	No	Gray	22 AWG	0.34 mm²	4.7 mm	544	1318392	1318408		
			3 Wires	Braided	Gray	22 AWG	0.34 mm²	5.2 mm	544	1318404	1318412		
			3 Wires	No	Gray	24 AWG	0.25 mm²	4.1 mm	544	1317476	1317481	M8 A-code	
			3 Wires	Braided	Gray	24 AWG	0.25 mm²	4.7 mm	544	1317479	1317484		
			4 Wires	No	Yellow	18 AWG	1.0 mm²	6.0 mm	547	1070220	1070221		
		4	4 Wires	No	Gray	22 AWG	0.34 mm²	5.0 mm	544	1318401	1318409	M12 A-code	
			4 Wires	Braided	Gray	22 AWG	0.34 mm²	5.5 mm	544	1318405	1318413		
			4 Wires	No	Gray	24 AWG	0.25 mm²	4.4 mm	544	1317477	1317482		
			4 Wires	Braided	Gray	24 AWG	0.25 mm²	4.9 mm	544	1317480	1317485	M8 A-code	
			5 Wires	No	Yellow	18 AWG	1.0 mm²	6.6 mm	547	1070222	1070223		
			5 Wires	No	Gray	22 AWG	0.34 mm²	5.4 mm	544	1318402	1318410		
		5	5 Wires	Braided	Gray	22 AWG	0.34 mm²	5.9 mm	544	1318406	1318414	M12 A-code	
			8 Wires	No	Gray	24 AWG	0.25 mm²	5.7 mm	544	1318403	1318411		
			8	8 Wires	Braided	Gray	24 AWG	0.25 mm²	6.3 mm	544	1318407	1318415	M12 A-code
Power cable	PVC	3 (AC color code)	2+PE	No	Black	16 AWG	1.5 mm²	6.8 mm	PVC	1318677	-	M12 S-code	
		4 (AC color code)	3+PE	No	Black	16 AWG	1.5 mm²	8.8 mm	PUR	1318675	-	M12 S-code	
	3+PE		Yes	Orange	16 AWG	1.5 mm²	9.7 mm	PUR	1318674	-	M12 S-code		
	4+PE		No	Black	14 AWG	2.5 mm²	9.7 mm	PUR	1318679	-	M12 K-code		
	4+PE		Yes	Orange	14 AWG	2.5 mm²	10.3 mm	PUR	1318678	-	M12 K-code		
	PUR	4 (DC color code)	4 Wires	No	Black	16 AWG	1.5 mm²	8.4 mm	PUR	1318676	-	M12 T-/L-code	
			4 Wires	Yes	Black	16 AWG	1.5 mm²	9.7 mm	PUR	1318673	-	M12 T-code	
			4 Wires	No	Black	14 AWG	2.5 mm²	8.8 mm	PUR	1318680	-	M12 L-code	
		5 Wires	No	Gray	14 AWG	2.5 mm²	9.65 mm	280	1318681	-	M12 L-code		
		5 (DC color code)	5 Wires	No	Gray	16 AWG	1.5 mm²	9.1 mm	290	1318683	-	M12 L-code	
			5 Wires	Yes	Gray	14 AWG	2.5 mm²	10.4 mm	280	1318682	-	M12 L-code	

NEW M12 Power connectors, splitters, and receptacles

www.phoenixcontact.com/M12power



Push-lock field-wired connectors										
Connection Technology	Coding	Gender	Orientation	Wire size range		Cable OD		Shielded	Article No.	
				Max	Min	Min	Max			
 Push-lock 	S-code (2+PE)	Male	Straight	14 AWG	16 AWG	6 mm	11 mm	Yes	1080225	
		Female	Straight	14 AWG	16 AWG	6 mm	11 mm	Yes	1080227	
	S-code (3+PE)	Male	Straight	14 AWG	16 AWG	6 mm	11 mm	Yes	1080220	
		Female	Straight	14 AWG	16 AWG	6 mm	11 mm	Yes	1080222	
	K-code (4+PE)	Male	Straight	14 AWG	16 AWG	8 mm	13 mm	Yes	1080231	
		Female	Straight	14 AWG	16 AWG	8 mm	13 mm	Yes	1080228	
	T-code (4-wire)	Male	Straight	14 AWG	16 AWG	6 mm	11 mm	No	1151362	
		Female	Straight	14 AWG	16 AWG	6 mm	11 mm	No	1151366	
		Male	Straight	14 AWG	16 AWG	6 mm	11 mm	Yes	1080215	
		Female	Straight	14 AWG	16 AWG	6 mm	11 mm	Yes	1080218	
	L-code (4-wire)	Male	Straight	14 AWG	16 AWG	6 mm	11 mm	Yes	1080239	
		Female	Straight	14 AWG	16 AWG	6 mm	11 mm	Yes	1080237	
	L-code (4+FE)	Male	Straight	14 AWG	16 AWG	8 mm	13 mm	No	1151368	
		Female	Straight	14 AWG	16 AWG	8 mm	13 mm	No	1151390	
		Male	Straight	14 AWG	16 AWG	8 mm	13 mm	Yes	1080235	
		Female	Straight	14 AWG	16 AWG	8 mm	13 mm	Yes	1080233	
Y- and H-splitters for power distribution										
Distributor type	Coding	Schematic		Shielded	Article No.					
 Y-Distributor	T-code (4-wire)			No	1410632					
	S-code (3+PE)			Yes	1080243					
	K-code (4+PE)				1080247					
	T-code (4-wire)				1080245					
	L-code (4+FE)				1080249					
 H-Distributor	S-code (3+PE)				1080242					
	K-code (4+PE)				1080246					
	T-code (4-wire)				1080244					
	L-code (4+FE)				1080248					
Receptacles with longer litz wires for panels										
Receptacle style	Contact insert color	Coding	Gender		Wire size		Lead length			
				mm ²	AWG	0.2 M	0.5 M	1.0 M	1.5 M	
 Rear-mount 	Black	S-code (2+PE)	Male	1.5 mm ²	16 AWG	-	1411653	1162589	1162590	
		S-code (2+PE)	Female	1.5 mm ²	16 AWG	-	1411652	1162597	1162598	
		S-code (3+PE)	Male	1.5 mm ²	16 AWG	-	1411603	1108623	1162623	
		S-code (3+PE)	Female	1.5 mm ²	16 AWG	-	1411598	1162635	1162636	
		K-code (4+PE)	Male	2.5 mm ²	14 AWG	1415293	1097959	1162234	1162243	
		K-code (4+PE)	Female	2.5 mm ²	14 AWG	1415294	1162464	1162474	1162476	
		M-code (5+PE)	Male	1.5 mm ²	16 AWG	1415302	1162502	1162503	1162505	
		M-code (5+PE)	Female	1.5 mm ²	16 AWG	1415303	1162517	1162519	1162524	
		T-code (4-wire)	Male	1.5 mm ²	16 AWG	-	1411604	1162539	1162541	
		T-code (4-wire)	Female	1.5 mm ²	16 AWG	1426488	1411599	1162552	1162554	
		L-code (4-wire)	Male	2.5 mm ²	14 AWG	1425588	1163033	1163034	1163035	
		L-code (4-wire)	Female	2.5 mm ²	14 AWG	1425589	1163053	1163054	1163055	
		L-code (4+FE)	Male	2.5 mm ²	14 AWG	1415297	1163063	1163064	1163066	
		L-code (4+FE)	Female	2.5 mm ²	14 AWG	1415299	1163111	1163112	1163114	
	Gray	L-code (4+FE)	Male	2.5 mm ²	14 AWG	1425584	1163083	1163085	1163087	
		L-code (4+FE)	Female	2.5 mm ²	14 AWG	1425585	1163099	1163100	1163101	