Industrial Ethernet

M12 Threaded



Singe-Ended Cordsets

• Threaded Micro-Change® (M12) Cordsets

Shielded and unshielded single-ended overmolded cordsets are available for connecting Micro-Change (M12) Ethernet system components in harsh industrial environments. Single-ended cordsets allow cable lengths to be customized during installation, and can be terminated with either standard RJ45 or industrial field attachable M12 connectors. Utilizing the proven M12 form factor provides rugged, vibration and shock-resistant IP67 connection in a small, familiar profile.

- Familiar, proven M12 form factor provides robust connection
- Category 5e compliant
- IP67 rated, perfect for harsh industrial environments
- D-Coded to ensure proper alignment/mating

Sing-Ended Cordsets						
FACE VIEWS (STRAIGHT WIRED)	MALE	1 (TD+) 2 (RD+) 4 (RD-) 3 (TD-)	1			
PINOUT/ COLOR CODE	CABLE CODE	03 & 15: 1- ORANGE (TD+) 2- BLUE (RD+) 3- ORANGE/WHITE (TD-) 4- BLUE/WHITE		YELLOW (TD+) 2- WHITE (RD+) ORANGE (TD-) 4- BLUE (RD-)		
MALE	FIG	CORDSETS WITH UNSHIE	LDED PVC CABLE	DESCRIPTION		
STRAIGHT	1	E10A00603Mx	ΧX	STRAIGHT-WIRED		
90°	2	E10A00703Mx	XX	STRAIGHT-WIRED		
MALE	FIG	CORDSETS WITH SHIEL	DED PVC CABLE	DESCRIPTION		
STRAIGHT	1	E10A00615Mx	ΧX	STRAIGHT-WIRED		
90°	2	E10A00715Mx	XX	STRAIGHT-WIRED		
MALE	FIG	CORDSETS WITH SHIEL	.DED PUR CABLE*	DESCRIPTION		
STRAIGHT	1	E10A00610Mx	XX	STRAIGHT-WIRED		
90°	2	E10A00710Mx	XX	STRAIGHT-WIRED		
		CATALOG OPTIO	NS			
PROFINET compliant		Liss the following chart to modify your po				

*PROFINET compliant

Use the following chart to modify your part's specifications.

E10A00610Mxxx

ORIENTATION	¥	CABLE OPTIONS	V
MALE STRAIGHT =	006	UNSHIELDED STRANDED PVC	03
MALE 90° =	007	SHIELDED STRANDED PVC	15
		SHIELDED STRANDED PUR	10

STANDARD LENGTH*						
0.6 METER	006					
1 METER	010					
2 METER	020					
3 METER	030					
4 METER	040					
5 METER	050					
10 METER	100					
* Please call for availability of non-standard lengths						

For product & technical information visit www.woodhead.com/eCatalog



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Specifications

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CONNECTOR FACE: MOLDED BODY: COUPLING NUT: CABLE CONDUCTORS: OUTSIDE DIAMETER (NOM): JACKET MATERIAL: INNER MATERIAL INSULATION: SHIELD TYPE:

> CERTIFICATION: ELECTRICAL

TIA/EIA RATING:

UL: ENVIRONMENTAL

PROTECTION: OPERATING TEMPERATURE:

UNSHIELDED PVC	SHIELDED PVC	SHIELDED PUR	
	PUR		
	PUR (BLACK)		
	NICKEL-PLATED BRASS		
4 / 24AWG STRANDED TINNED WIRE	4 / 24AWG STRANDED TINNED WIRE	4 / 22AWG STRANDED TINNED WIRE	
5.6mm	6.1mm	6.5mm	
PVC (TEAL)	PVC (TEAL)	PUR (GREEN)	
HDPE	FOAMED POLYPROPYLENE	FRNC	
N/A	FOIL SHIELD, 100% COVERAGE,	FOIL SHIELD: 100% COVERAGE	
	25% MIN OVERLAP	BRAID SHIELD: 85% COVERAGE	
UL CMR (PENDING)	UL CMR (PENDING)	UL LISTED CMX	
	CAT5E		
	CL2		
IP67. SUN/OIL RESISTANT (PENDING)	IP67. SUN/OIL RESISTANT (PENDING)	IP67. SUN/OIL RESISTANT	
	-20°C TO 75°C		

