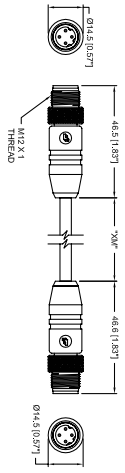
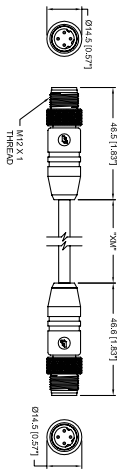
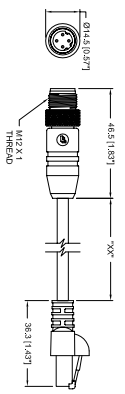
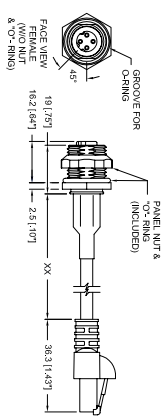
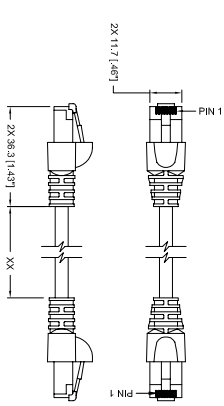
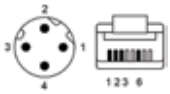
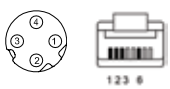
EtherNet/IP Double-Ended Cord Sets

CAT5e, High-Flex, 2 Bonded Twisted Pair, Stranded/Unshielded, 24 AWG, TPE Jacket

Type	0985 806 100	0985 806 101	0985 806 103	0985 806 104	0985 806 500
Product Description	EtherNet/IP, high-flex, double-ended cord set, M12 male to male straight, 4-pin, D-coding, 24 AWG TPE cable, stranded/unshielded, 2 bonded twisted pair with teal jacket.	Ethernet I/P, high-flex, double-ended cord set, M12 male to M12 male, teal TPE jacket, 4 pin, 24 AWG, stranded/unshielded cross-over cable with 2 bonded twisted pairs.	Ethernet I/P, high-flex, double-ended cord set, M12 male to RJ45 male, 4 pin, D-coded, 24 AWG, teal TPE jacket, stranded/unshielded cable with 2 bonded twisted pairs.	EtherNet/IP, high-flex, double-ended cord set, M12 female 4 pin, D-coded receptacle to male RJ45, 24 AWG, teal TPE jacket, stranded/unshielded with 2 bonded twisted pairs.	Ethernet I/P, high-flex, double-ended cord set, RJ45 male to RJ45 male, 24 AWG, teal TPE jacket, stranded/unshielded cable with 2 bonded twisted pairs.
Technical Illustration					
Wiring diagram					
	M12 / Color 1 White Orange 2 White Green 3 Orange 4 Green	C1 / Color / C2 1 White Orange 2 2 White Green 1 3 Orange 4 4 Green 3	M12 / Color / RJ45 1 White Orange 1 2 White Green 3 3 Orange 2 4 Green 6		Color / RJ45 White Orange 1 White Green 3 Orange 2 Green 6
Face views					
					
Part number					
	0985 806 100/...M	**0985 806 101/...M**	**0985 806 103/...M**	**0985 806 104/...M**	**0985 806 500/...M**
Standard cable lengths					
	0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M	**0.5 M / 1 M / 2 M / 5 M / 10 M**	**0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M**	**0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M**	**0.5 M / 1 M / 2 M / 5 M / 10 M / 15 M / 20 M / 25 M / 30 M / 35 M / 40 M / 45 M / 50 M / 60 M / 70 M / 80 M**

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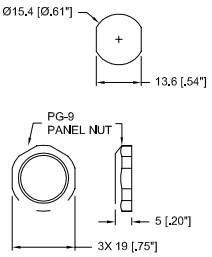
Type	0985 806 100	0985 806 101	0985 806 103	0985 806 104	0985 806 500
Degree of protection	IP68		IP68 / IP20	IP68 / IP20	IP20
Temperature	-40°C to 75°C		-20°C to 60°C		
Mechanical					
M12 and M12 Receptacle					
Molded body	PUR, black				
Coupling nut	Brass, nickel plated				
Contacts	Brass, gold plated				
Insert	PUR, black				
RJ45					
Plug	Polycarbonate				
Contacts	Phosphor Bronze, gold plated				
Boot	Elastomer Polyolefin				
Electrical					
Current rating	4A		1.5 A		
Voltage rating	250V		30VAC / 42 VDC		
Performance	CAT5e, Belden bonded twisted pair cable				
Cable specifications					
Cable jacket	TPE				
Color	Teal				
Overall diameter	.275 “				
Conductor	24 AWG stranded tinned copper				
Temperature	Operating: -40°C to 75°C / Installation: -25°C to 75°C				
Flame test	UL: CMR / CSA: CMG				
Continuous Flex	2 million cycles @ 10X,10 million cycles @ 20X bend radius				
Characteristics					
			NOTE: Vibration & Oil Resistant applies to M12 side only.	NOTE: Vibration & Oil Resistant applies to M12 side only.	
Recommended panel cut out					
					

The application of these products in harsh environments should always be checked before use.
Specifications subject to alteration.