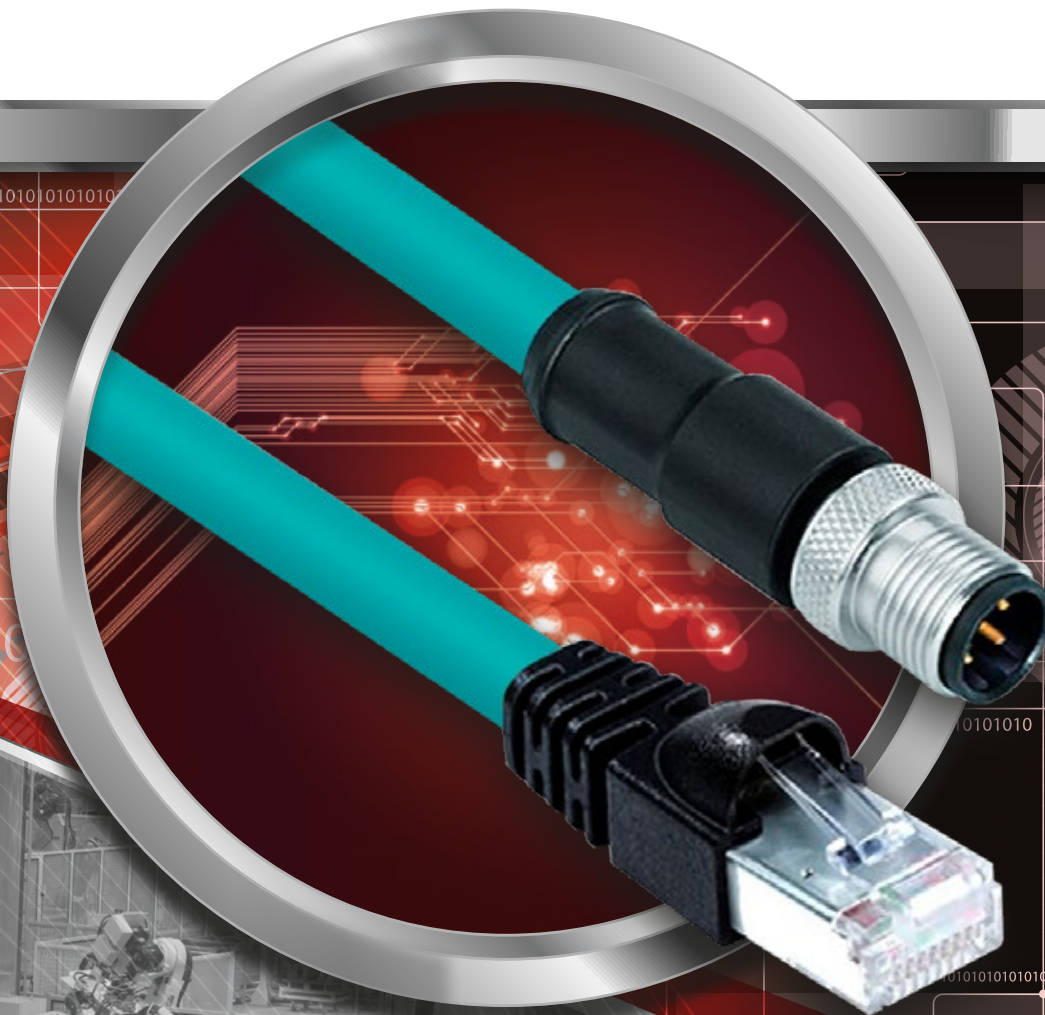


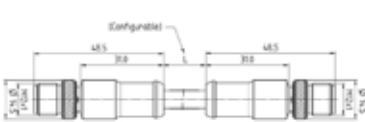
HTMTM
SENSORS



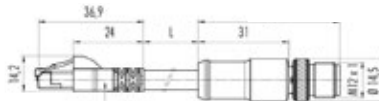
- ETHERNET CABLES FOR HIGH MOTION APPLICATIONS SUCH AS ROBOTS AND SERVOS
- INTERNAL SHIELDING REDUCES EFFECT OF EMI NOISE
- M12 D-CODED, X-CODED, RJ45 TERMINATION
- IP67 PROTECTION RATING

SERIES	DS ETHERNET				
CONNECTOR LOCKING SYSTEM	RJ45/M12 D-Coded				
WIRE GAUGE (AWG)	24				
DEGREE OF PROTECTION	IP20 (with RJ45 connectors) / IP67 (with M12 connectors)				
TEMPERATURE RANGE	-40 °C - 85 °C				
RATED VOLTAGE	50				
RATED CURRENT	1.5 A				
CABLE TYPE	Shielded CAT 5e				
MATERIAL OF CONTACT	CuZn (Brass)				
CONTACT PLATING	Au (gold)				
HOUSING MATERIAL	PUR				
CABLE JACKET	TPE				
INSULATION SINGLE LEAD	Polyethylene				
BENDING CYCLES	> 10 Million				
CABLE DIAMETER	6.6 mm				
PART NUMBERS (BY LENGTH)*	0.3 m	0.6 m	1 m	5 m	10 m
2 x 2 x 24 AWG TWISTED PAIR					
M12 MALE TO M12 MALE	DS-MS4TZ-T970.3+DS-MS	DS-MS4TZ-T970.6+DS-MS	DS-MS4TZ-T971+DS-MS	DS-MS4TZ-T975+DS-MS	DS-MS4TZ-T9710+DS-MS
M12 MALE TO RJ45	DS-MS4TZ-T970.3+RJM45	DS-MS4TZ-T970.6+RJM45	DS-MS4TZ-T971+RJM45	DS-MS4TZ-T975+RJM45	DS-MS4TZ-T9710+RJM45
RJ45 TO RJ45	DS-RJM45-T970.3+RJM45	DS-RJM45-T970.6+RJM45	DS-RJM45-T971+RJM45	DS-RJM45-T975+RJM45	DS-RJM45-T9710+RJM45
4 x 2 x 24 AWG TWISTED PAIR					
RJ45 TO RJ45	DS-RJM45-T980.3+RJM45	DS-RJM45-T980.6+RJM45	DS-RJM45-T981+RJM45	DS-RJM45-T985+RJM45	DS-RJM45-T9810+RJM45

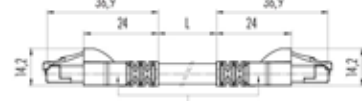
*Available in additional lengths of 2 m, 3 m, 4 m, 7 m, 15 m, 20 m, 25 m and 30 m. Consult Factory for longer than 30 m.



D-CODED MALE TO MALE CONNECTOR



D-CODED MALE TO RJ45 CONNECTOR



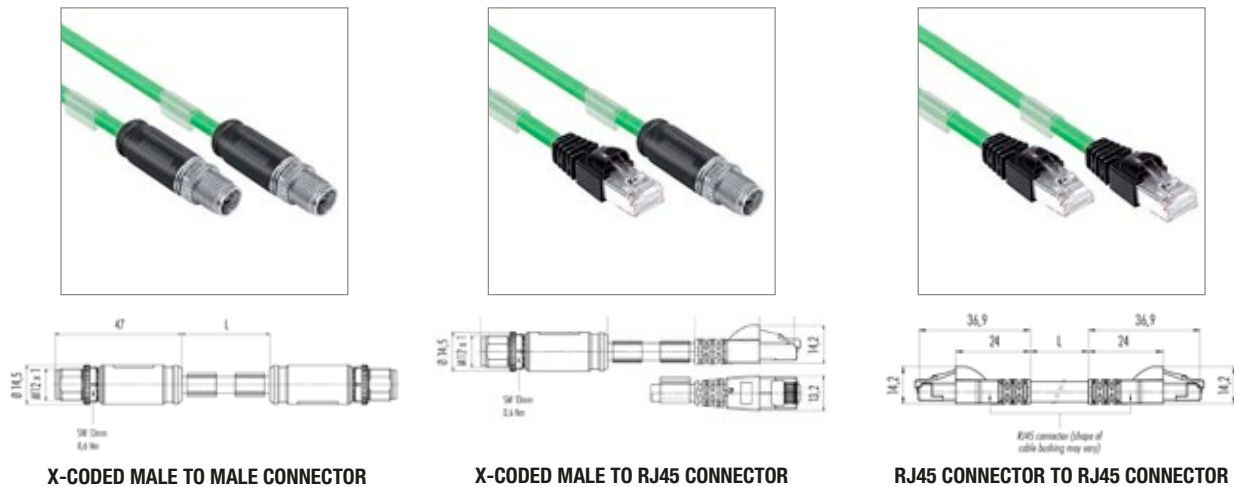
RJ45 CONNECTOR TO RJ45 CONNECTOR

FIELD CONNECTORS

MALE STRAIGHT	FEMALE STRAIGHT	RJ45	M12 D-CODED FEMALE to RJ45 SOCKET	M12 D-CODED MALE to RJ45 SOCKET	RJ45 SOCKET to RJ45 SOCKET
FC-12DMS4P-PG7/9	FC-12DFS4P-PG7/9	FC-RJM45	DS-FSBZ/0/M16x1.5+RJF45	DS-MSBZ/0/M16x1.5+RJF45	DS-RJF45FZ+RJF45

SERIES	XS ETHERNET				
CONNECTOR LOCKING SYSTEM	RJ45/M12 X-Coded				
WIRE GAUGE (AWG)	26/7				
DEGREE OF PROTECTION	IP20 (with RJ45 connectors) / IP67 (with M12 connectors)				
TEMPERATURE RANGE	-40 °C - 85 °C				
RATED VOLTAGE	50 V AC / 60 V DC				
RATED CURRENT	0.5 A				
CABLE TYPE	Shielded CAT 6A				
MATERIAL OF CONTACT	CuZn (Brass)				
CONTACT PLATING	Au (gold)				
HOUSING MATERIAL	PUR				
CABLE JACKET	PUR				
INSULATION SINGLE LEAD	Polyethylene				
CABLE DIAMETER	6.2 mm				
PART NUMBERS (BY LENGTH)*	0.3 m	0.6 m	1 m	5 m	10 m
M12 MALE TO M12 MALE	XS-MS8TZ-T890.3+XS-MS8	XS-MS8TZ-T890.6+XS-MS8	XS-MS8TZ-T891+XS-MS8	XS-MS8TZ-T895+XS-MS8	XS-MS8TZ-T8910+XS-MS8
M12 MALE TO RJ45	XS-MS8TZ-T890.3+RJM45	XS-MS8TZ-T890.6+RJM45	XS-MS8TZ-T891+RJM45	XS-MS8TZ-T895+RJM45	XS-MS8TZ-T8910+RJM45
RJ45 TO RJ45	XS-RJM45-T890.3+RJM45	XS-RJM45-T890.6+RJM45	XS-RJM45-T891+RJM45	XS-RJM45-T895+RJM45	XS-RJM45-T8910+RJM45

*Available in additional lengths of 2 m, 3 m, 4 m, 7 m, 15 m, 20 m, 25 m and 30 m. Consult Factory for longer than 10 m.



FIELD CONNECTORS

FEED THRU

			
MALE STRAIGHT	FEMALE STRAIGHT	M12 X-CODED FEMALE to RJ45 SOCKET	RJ45 SOCKET to RJ45 SOCKET
FC-12XMS8P-PG7/9	FC-12XFS8P-PG7/9	XS-FS8FZ/0/M16x1.5+RJF45	DS-RJF45FZ+RJF45