HTM™
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				
WIRE GAUGE (AWG)	24				
DEGREE OF PROTECTION	IP20 (with RJ45 connector) / IP67 (with Male to Male connector)				
TEMPERATURE RANGE	-25 ºC - 85 ºC				
RATED VOLTAGE	50				
RATED CURRENT	1.5 A				
VOLUME RESISTIVITY	≤ 3 mΩ				
MATERIAL OF CONTACT	CuZn (Brass)				
CONTACT PLATING	Au (gold)				
HOUSING MATERIAL	PUR				
APPROVAL 1	UL				
CABLE JACKET	TPE				
INSULATION SINGLE LEAD	Polyolefin				
BENDING CYCLES	2 Mio.				
CABLE DIAMETER	6.6				
PART NUMBERS (BY LENGTH)*	0.3 m	0.6 m	1 m	5 m	10 m
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

*Available in additional lengths of 2 m, 3 m, 15 m, 20 m, 25 m and 30 m.

D-CODED MALE TO MALE CONNECTOR

D-CODED MALE TO RJ45 CONNECTOR

D-CODED RJ45 CONNECTOR TO RJ45 CONNECTOR

FIELD CONNECTORS

MALE STRAIGHT	FEMALE STRAIGHT	RJ45
FC-12DMS4P-PG7/9	FC-12DFS4P-PG7/9	FC-RJM45