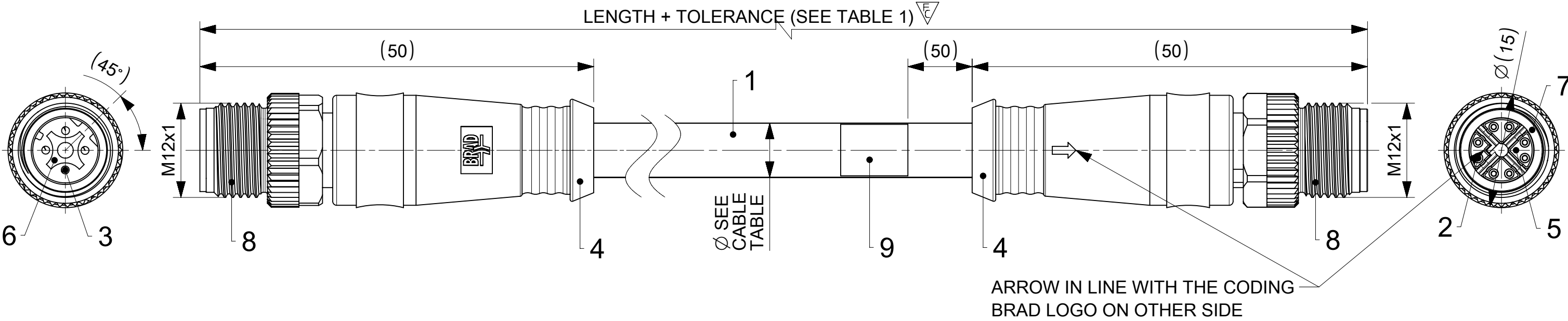
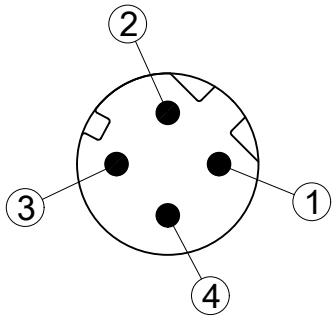


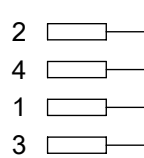


M12 4P DC MALE FRONT VIEW
ACCORDING IEC 61076-2-101



WIRING DIAGRAM

M12 D-CODE
MALE



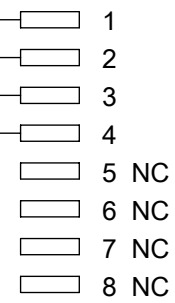
WHITE-ORANGE OR WHITE

ORANGE

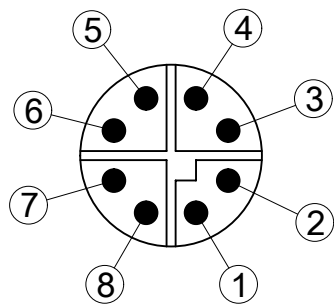
WHITE-GREEN OR WHITE

GREEN

M12 X-CODE
MALE



M12 8P XC MALE FRONT VIEW
ACCORDING IEC 61076-2-109



NOTES:

VOLTAGE RATING: 48 V

CURRENT RATING: 0.5 A

TEMPERATURE RATING: -25°C TO +85°C

SEE CABLE TABLE

MATING CYCLES: MIN. 100

IP RATING: IP 67 (IN MATED AND LOCKED CONDITION)

TRANSMISSION CHARACTERISTICS ACCORDING TO ISO/IEC 11801 CLASS D TYPE C / TIA CAT5e CHANNEL

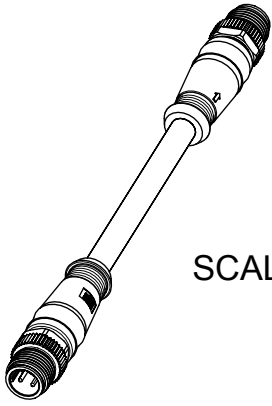
HEAD TO HEAD ROTATION CAN VARY TO DRAWING

PACKAGING: CORDSETS ARE PACKED IN A POLYBAG

BILL OF MATERIAL

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
1	1	CABLE	PVC / TPE	TEAL
2	8	CONTACT 6 MALE	BRASS	AU OVER Ni
3	4	CONTACT 10 MALE	BRASS	AU OVER Ni
4	-	MOLDING MATERIAL	TPU	BLACK
5	1	INSERT M12 CAT6A MALE 8P	PA6	BLACK
6	1	INSERT M12 MA 4P DC CSE	PUR	BLACK
7	1	SHELL M12 CAT6A	ZINC DIE-CAST	Ni PLATED
8	2	NUT M12 MALE	BRASS	Ni PLATED
9	1	LABEL 2.0X1.75	VINYL	YELLOW

DOCUMENT STATUS	P1	RELEASE DATE	2023/10/25	13:23:04
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SCALE 1:2

FUNCTIONAL SYMBOLS 0 1 0	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
	DIMENSION UNITS mm	SCALE 2:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 1.0 °									
DIVISIONAL SYMBOLS	4 PLACES ±	EC NO: 766987 DRWN: MBLOESER 2023/10/25 CHK'D: RSILLER 2023/10/25 APPR: RSILLER 2023/10/25 INITIAL REVISION: DRWN: MBLOESER 2022/07/11 APPR: RSILLER 2022/10/17								
	3 PLACES ±									
	2 PLACES ± 0.05									
	1 PLACE ± 0.3									
0 PLACES ± 0.5	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIRD ANGLE PROJECTION	DRAWING A3-SIZE	SERIES 120108	MATERIAL NUMBER SEE TABLE 1	CUSTOMER GENERAL MARKET	DOCUMENT NUMBER 1201089117	DOC TYPE PSD	DOC PART 000	REVISION A6

	10	9	8	7	6	5	4	3	2	1
F	TABLE 1									
	MOLEX PN	ENGINEERING NO.	DESCRIPTION	LENGTH [mm]						
	1203411132	E12A06004M003	M12 4P XC TO DC M ST/M ST TPE 0.3M	300						
	1201089117	E12A06004M010	M12 4P XC TO DC M ST/M ST TPE 1M	1000						
	1201089118	E12A06004M020	M12 4P XC TO DC M ST/M ST TPE 2M	2000						
E	1201089119	E12A06004M030	M12 4P XC TO DC M ST/M ST TPE 3M	3000						
	1201089120	E12A06004M040	M12 4P XC TO DC M ST/M ST TPE 4M	4000						
	1201089121	E12A06004M050	M12 4P XC TO DC M ST/M ST TPE 5M	5000						
	1201089122	E12A06004M060	M12 4P XC TO DC M ST/M ST TPE 6M	6000						
	1201089123	E12A06004M070	M12 4P XC TO DC M ST/M ST TPE 7M	7000						
D	1201089124	E12A06004M080	M12 4P XC TO DC M ST/M ST TPE 8M	8000						
	1201089125	E12A06004M100	M12 4P XC TO DC M ST/M ST TPE 10M	10000						
	1201089126	E12A06004M120	M12 4P XC TO DC M ST/M ST TPE 12M	12000						
	1201089127	E12A06004M140	M12 4P XC TO DC M ST/M ST TPE 14M	14000						
	1201089128	E12A06004M150	M12 4P XC TO DC M ST/M ST TPE 15M	15000						
C	1201089129	E12A06004M180	M12 4P XC TO DC M ST/M ST TPE 18M	18000						
	1201089130	E12A06004M230	M12 4P XC TO DC M ST/M ST TPE 23M	23000						
	1201089131	E12A06004M270	M12 4P XC TO DC M ST/M ST TPE 27M	27000						
	1201089132	E12A06004M300	M12 4P XC TO DC M ST/M ST TPE 30M	30000						
	1201089133	E12A06004M340	M12 4P XC TO DC M ST/M ST TPE 34M	34000						
B	1201089134	E12A06004M380	M12 4P XC TO DC M ST/M ST TPE 38M	38000						
	1201089135	E12A06004M420	M12 4P XC TO DC M ST/M ST TPE 42M	42000						
	1201089136	E12A06004M460	M12 4P XC TO DC M ST/M ST TPE 46M	46000						
	1201089137	E12A06004M500	M12 4P XC TO DC M ST/M ST TPE 50M	50000						
	1201089138	E12A06004M540	M12 4P XC TO DC M ST/M ST TPE 54M	54000						
A	1201089139	E12A06004M570	M12 4P XC TO DC M ST/M ST TPE 57M	57000						
	1201089140	E12A06004M610	M12 4P XC TO DC M ST/M ST TPE 61M	61000						
	1201089141	E12A06004M650	M12 4P XC TO DC M ST/M ST TPE 65M	65000						
	1201089142	E12A06004M700	M12 4P XC TO DC M ST/M ST TPE 70M	70000						
	1201089143	E12A06004M760	M12 4P XC TO DC M ST/M ST TPE 76M	76000						
	1201089144	E12A06004M800	M12 4P XC TO DC M ST/M ST TPE 80M	80000						
	1201089145	E12A06004M850	M12 4P XC TO DC M ST/M ST TPE 85M	85000						
	1201089160	E12A06004M900	M12 4P XC TO DC M ST/M ST TPE 90M	90000						
	1201089146	E12A06002M900	M12 4P XC TO DC M ST/M ST PVC 90M	90000						

