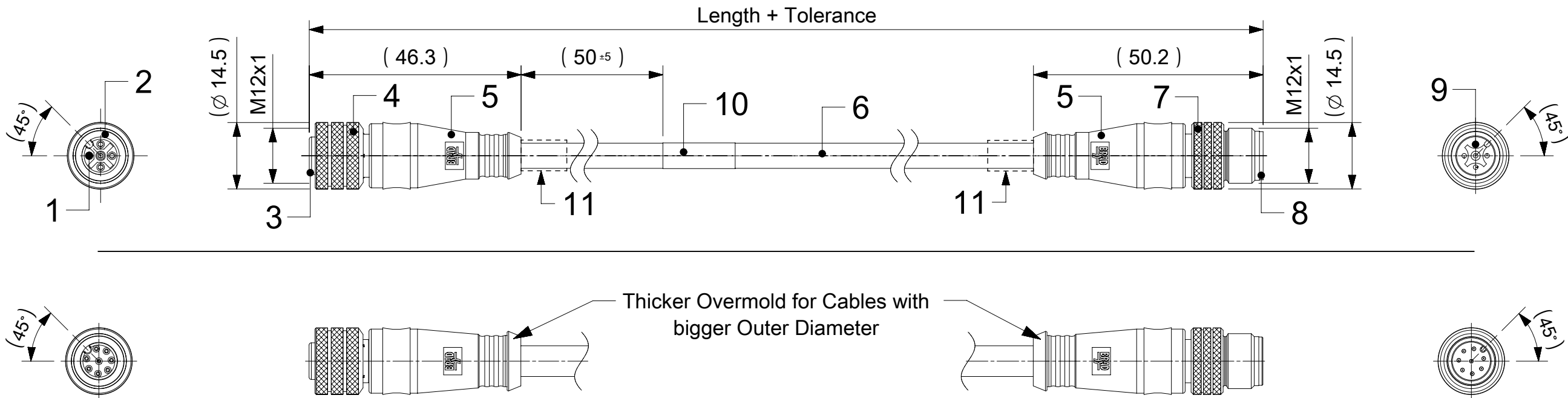


FEMALE PLUG M12 STRAIGHT TO MALE PLUG M12 STRAIGHT



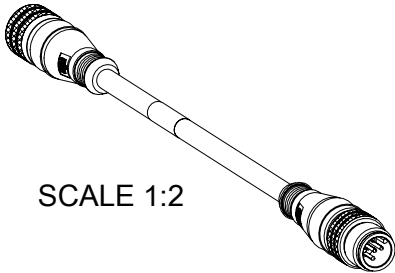
NOTES:

RATED VOLTAGE: 3, 4 contacts 250V per IEC 60664
5 contacts 60V per IEC 60664
5 contacts 250V per UL 2238
8 contacts 30V per IEC 60664

RATED CURRENT: 3, 4, 5 contacts 4A
8 contacts 2A

PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +85°C
CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS		8 CONTACTS	
FEMALE								
MALE								
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN	1	WHITE
	2	---	2	WHITE	2	WHITE	2	BROWN
	3	BLUE	3	BLUE	3	BLUE	3	GREEN
	4	BLACK	4	BLACK	4	BLACK	4	YELLOW
	5	---	5	---	5	GREY OR GREEN/YELLOW	5	GREY
							6	PINK
							7	BLUE
CODING REQUIRED TO IEC 61076-2-101								
							8	RED



SCALE 1:2

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

11	SEE SHEET 2	ID CARRIER	PVC	TRANSPARENT
10	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES lxx	---	---
9	3 / 4 / 5 / 8	CONTACT MALE	SEE PART LIST	SELECTIVE Au OVER Ni
8	1	INSERT MALE BLACK	TPU	---
7	1	COUPLING NUT MALE	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING BLACK	TPU	---
4	1	COUPLING NUT FEMALE	---	---
3	1	INSERT FEMALE BLACK	PUR	---
2	1	ORING RED	FPM	---
1	3 / 4 / 5 / 8	CONTACT FEMALE	SEE PART LIST	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION											
FUNCTIONAL SYMBOLS FA = 0 FE = 0 FD = 0		DIMENSION UNITS		SCALE		CURRENT REV DESC: PART LIST REVISED					
		mm		1:1							
		GENERAL TOLERANCES (UNLESS SPECIFIED)									
		ANGULAR TOL ± 1.0 °									
DIVISIONAL SYMBOLS		4 PLACES		±		EC NO: 784475 DRWN: RSCHIEBER 2024/04/16 CHK'D: RSILLER 2024/04/26 APPR: RSILLER 2024/04/26					
		3 PLACES		±							
		2 PLACES		± 0.05							
		1 PLACE		± 0.3		INITIAL REVISION: DRWN: JMARSZALEK 2016/09/19 APPR: RSILLER 2016/12/08					
		0 PLACES		± 0.5							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES			
				A3-SIZE		120066					
						CSE M12 XP AC FE STR MA STR XM DE					
						PRODUCT CUSTOMER DRAWING					
						DOCUMENT NUMBER		DOC TYPE		DOC PART	
1200668165						PSD		000		A7	
MATERIAL NUMBER				CUSTOMER				SHEET NUMBER			
SEE PART LIST				GENERAL MARKET				1 OF 5			

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

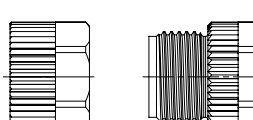
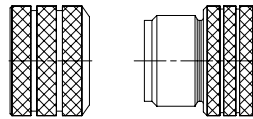
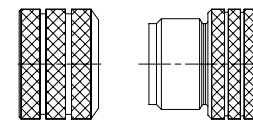
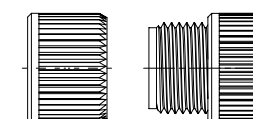
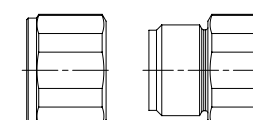
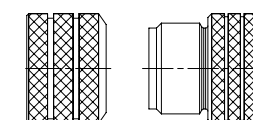
OPTIONS

Overmold color:
Blank (Standard)=Black TPU
Blank=Yellow PVC for cables
A09, S19, S20, S26
Blank=Yellow TPE-E for cables
K03, K05
A=Grey / G=Black / Y=Yellow

Coupling Nut:
Blank (Standard)=Knurled Brass Ni Plated _____
1=Hexagonal Stainless steel _____
5=Knurled Derlin _____
7=Knurled Brass Ni Plated, Teflon Coated _____
Blank=7 for cables I20, I26, K03, K05, P82, S26
8=Type 316 stainless steel _____
9=Knurled / Hexagonal Brass Ni Plated SW13 _____

H= 2 pcs. of I/D Carrier PVC Transparent
(Cables lxx & P82 always with 2 pcs. of —
I/D Carrier even if no H in Engineering No.)

COUPLING NUT
FEMALE MALE



CABLE LENGTH TOLERANCES		
OVER [mm]	UP TO AND INCLUDING [mm]	TOLERANCES [mm]
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF FINISHED LENGTH

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
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DOCUMENT STATUS	P1	RELEASE DATE	2024/04/26	08:14:50
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