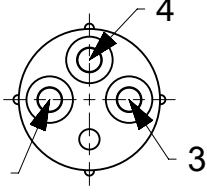
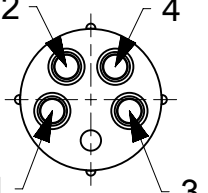
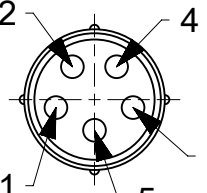
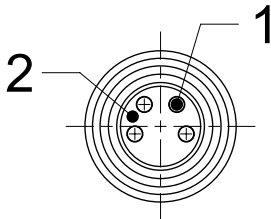


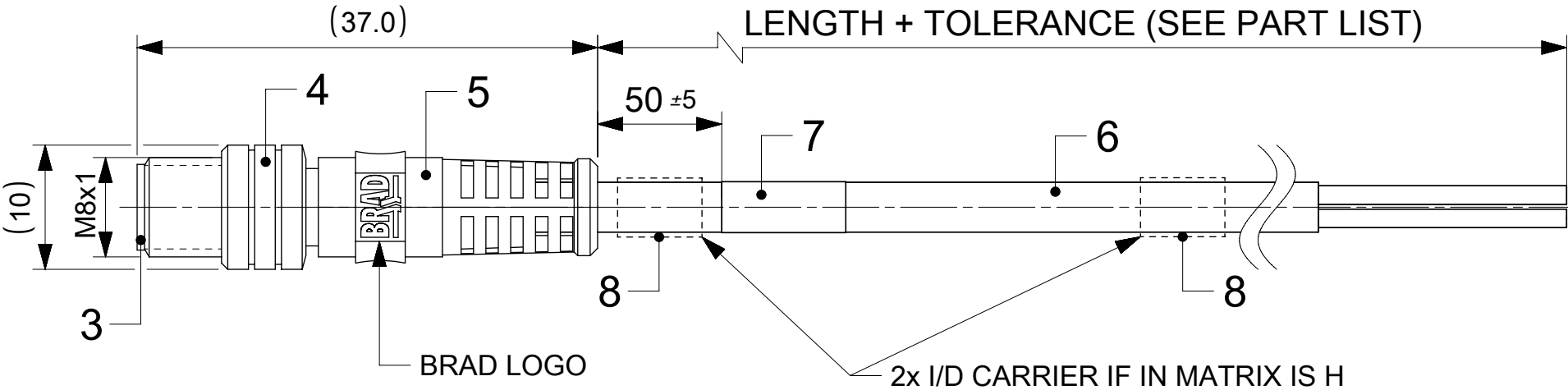
MALE PLUG M8 STRAIGHT SINGLE ENDED

CONTACT POSITION FRONT VIEW:

3 POLES MALE		4 POLES MALE		5 POLES MALE	
					
PIN	WIRE	PIN	WIRE	PIN	WIRE
1	BROWN	1	BROWN	1	BROWN
2	-	2	WHITE	2	WHITE
3	BLUE	3	BLUE	3	BLUE
4	BLACK	4	BLACK	4	BLACK
5	-	5	-	5	GREY



VIEW FROM THE FRONT SIDE

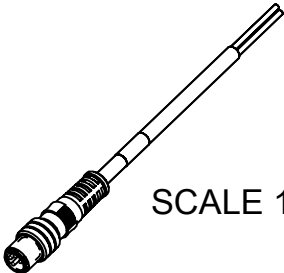


TECHNICAL SPECIFICATION:

CONTACT CURRENT RATING: 3-5 POLES 3 A
VOLTAGE RATING: 3 POLES 60 V
4-5 POLES 30 V
PROTECTION CLASS: IP 67
TEMPERATURE RANGE: -25° C / +80° C
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

BILL OF MATERIALS

8	0 / 2	ID CARRIER (SEE MATRIX)	PVC	TRANSPARENT
7	1	LABEL OR PRINTING	VINYL / ---	---
6	-	CABLE	SEE MATRIX	---
5	-	OVERMOULDING	TPU	BLACK
4	1	COUPLING NUT M8 MALE	BRASS	NICKEL
3	1	SLEEVE	BRASS	NICKEL
2	1	INSERT MALE	TPU	BLACK
1	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH / COLOR
DOCUMENT STATUS	P1	RELEASE DATE	2024/11/11	13:43:58



SCALE 1:2

FUNCTIONAL SYMBOLS		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION													
E/A = 0		DIMENSION UNITS mm		SCALE 2:1		CURRENT REV DESC: SORTED/REVISED PART LIST BY CABLE TYPE, LENGTH				molex					
E/E = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 803942									
E/F = 0		ANGULAR TOL ± 1.0 °				DRWN: RSCHIEBER				2024/11/06					
DIVISIONAL SYMBOLS		4 PLACES ±		CHK'D: RSILLER				2024/11/11							
		3 PLACES ±		APPR: RSILLER				2024/11/11							
		2 PLACES ± 0.05		INITIAL REVISION:				PRODUCT CUSTOMER DRAWING							
		1 PLACE ± 0.3		DRWN: RSCHIEBER											
		0 PLACES ± 0.5		APPR: RSILLER											
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
				A3-SIZE		120086		1200860183		PSD		000		A2	
								MATERIAL NUMBER		CUSTOMER				SHEET NUMBER	
								SEE PART LIST		GENERAL MARKET				1 OF 3	

OPTIONS

X

LENGTH EXAMPLE

010 = 1 m
050 = 5 m
100 = 10 m

Blank (Standard)=Knurled Brass Ni Plated
1 = Stainless steel
2 = Nylon
3 = Nickel Plated Brass
4 = Valox (polyester)
5 = Delrin
6 = clear anodized alum
7 = Teflon coat
Blank = 7 for cables: I20, I26, K03, K05, P82, S20 i S26
8 = Type 316 stainless steel
9 = Knurled / Hexagonal SW9 Brass Ni Plated
H= 2 pcs. of I/D Carrier PVC Transparent
(Cables Ixx & P82 always with 2 pcs. of
I/D Carrier even if no H in Engineering No.)

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	TEMP. RATING	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
A10	4	0.25mm ²	PVC YELLOW	UL 2661/1731	I/II A/B 105°C/300V	105°C	-	-	-	NO
E02	3 / 4 / 5	0.25mm ²	PVC BLACK	UL 2464/1729	C22.2 I/II A/B 80°C/300V	-	-30°C to +80°C, 10xO.D.	-10°C to +80°C, 15xO.D.	-	NO
H08	3 / 4 / 5	0.25mm ²	PUR BLACK LS0H	UL 21198/10493	C22.2 I/II A/B 80°C/300V	-	-40°C to +80°C, 5xO.D.	-25°C to +80°C, 10xO.D.	2 000 000 cycles, Temp max 60°C	NO
I12	3	0.50mm ²	PVC GREY	-	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-	NO
I02	3 / 4	0.25mm ²	PVC (CEI) GREY	-	-	-	-30°C to +70°C	-5°C to +70°C	-	NO
P02	3 / 4 / 5	0.25mm ²	PUR / PVC BLACK	-	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	NO
I70	3	0.50mm ²	PVC GREY	-	-	-	-25°C to +70°C, 10xO.D.	-5°C to +70°C, 15xO.D.	-	NO

FUNCTIONAL SYMBOLS F A = 0 F E = 0 F P = 0 DIVISIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION																		
	DIMENSION UNITS		SCALE		CURRENT REV DESC: SORTED/REVISED PART LIST BY CABLE TYPE, LENGTH					molex CSE M8 XP AC MA STR XM SE UNSH AU									
	mm		1:1																
	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 803942 DRWN: RSCHIEBER 2024/11/06 CHK'D: RSILLER 2024/11/11 APPR: RSILLER 2024/11/11					PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER 1200860183 DOC TYPE PSD DOC PART 000 REVISION A2									
	ANGULAR TOL ± 1.0 °																		
	4 PLACES		±																
	3 PLACES		±																
	2 PLACES		± 0.05																
	INITIAL REVISION:				DOCUMENT NUMBER					DOC TYPE		DOC PART		REVISION					
	1 PLACE		± 0.3		DRWN: RSCHIEBER 2021/11/23					1200860183					PSD		000		A2
0 PLACES		± 0.5		APPR: RSILLER 2021/11/25															
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER			CUSTOMER			SHEET NUMBER			
						A3-SIZE		120086		SEE PART LIST			GENERAL MARKET			2 OF 3			

