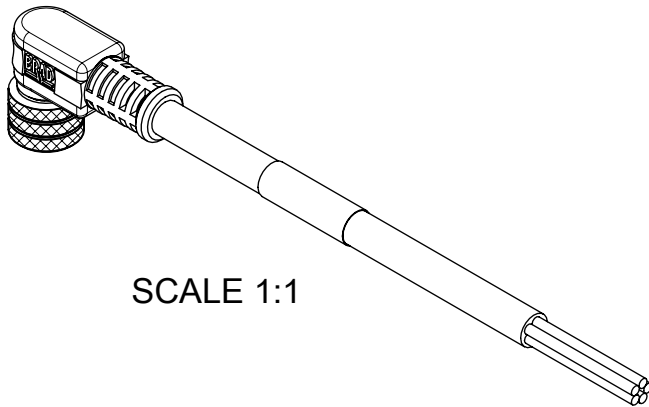
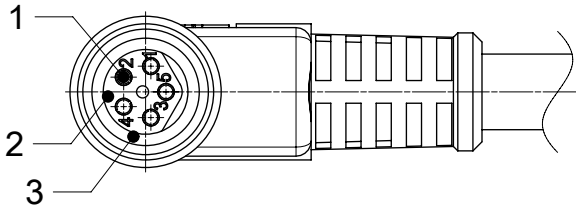
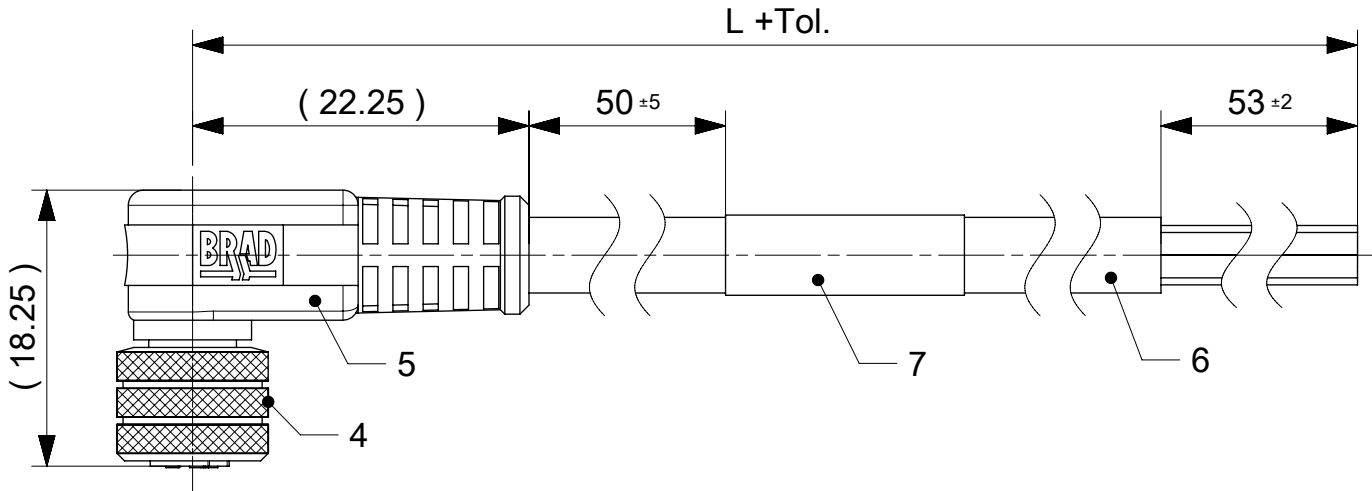
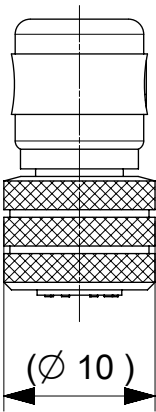


FEMALE PLUG M8 90° ANGLED



NOTES:
RATED VOLTAGE: 3 contacts 60V AC/DC
4 and 5 contacts 30V AC/DC
CURRENT RATING: 3, 4, 5 contacts 3A
PROTECTION CLASS: IP 67
TEMPERATURE: -25°C / +80°C
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

CONTACT POSITION FRONT VIEW:

3 CONTACTS		4 CONTACTS		5 CONTACTS	
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	GREY
CODING ACCORDING TO IEC 61076-2-104					

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

7	1	LABEL	VINYL	-
	-	PRINTING FOR CABLES IXX	-	-
6	-	CABLE	SEE SHEET 2	-
5	-	OVERMOULDING BLACK	TPU	-
4	1	NUT M8 FEMALE	BRASS	NICKEL
3	1	O-RING RED	FKM	-
2	1	INSERT FEMALE BLACK	TPU	-
1	3 / 4 / 5	CONTACT M8 FEMALE	BRASS	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		DIMENSION UNITS		SCALE		CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N'S ADDED			
E A = 0		mm		2:1		molex CSE M8 XP AC BC RA XM SE PRODUCT CUSTOMER DRAWING			
E = 0		GENERAL TOLERANCES (UNLESS SPECIFIED)							
E = 0		ANGULAR TOL ± 1.0 °							
DIVISIONAL SYMBOLS		4 PLACES		±					
		3 PLACES		±		DRWN: RSCHIEBER		2023/10/20	
		2 PLACES		± 0.05		CHK'D: RSILLER		2023/11/30	
		1 PLACE		± 0.3		APPR: RSILLER		2023/11/30	
		0 PLACES		± 0.5		INITIAL REVISION:			
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: FGAIK		2016/11/02	
						APPR: RSILLER		2016/11/14	
		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER	
				A3-SIZE		120086		1200868179	
								DOC TYPE	
								PSD	
								DOC PART	
								000	
								REVISION	
								A6	
								MATERIAL NUMBER	
								SEE PART LIST SH 3	
								CUSTOMER	
								GENERAL MARKET	
								SHEET NUMBER	
								1 OF 3	

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

OPTIONS

4 0 X 0 0 1 X X X M X X X X X

40=Nano-Change M8x1 Single ended
--

Poles:
3=3 Contacts
4=4 Contacts
5=5 Contacts

Head style:
001=Plug Female Angled

Cable type: See Table

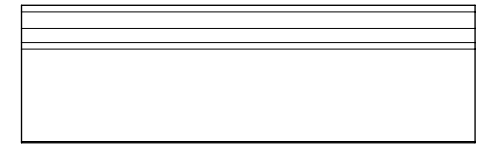
Units:
M=Meter

Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

Overmold color:
Blank (Standard)=Black
G=Black / Y=Yellow
For cables K05, A10 = Yellow

Nut:
Blank (standard)=Knurled Brass Ni Plated
1=Stainless Steel
7=Teflon coat

H= 2 pcs. of I/D Carrier PVC Transparent
(Cables 1xx & P82 always with
2 pcs. of I/D Carrier) _____

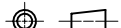


CABLE INFORMATION

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	0.25mm²	PVC YELLOW	UL 2661/1731	I/II A/B 105°C/300V	105°C	-	-	-	NO
E02	3 / 4 / 5	0.25mm²	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	0.25mm²	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
H09	4	0.34mm²	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
I02	3 / 4	0.25mm²	PVC (CEI) GREY	-	-	-	-30°C to +70°C	-5°C to +70°C	-	NO
K05	3	0.34mm²	TPE YELLOW	UL ITC OR PLTC	I/II A/B 90°C/300V	105°C	-	-	-	NO
P02	3 / 4 / 5	0.25mm²	PUR / PVC BLACK	-	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	NO
P82	3 / 4	0.34mm²	PUR ORANGE	-	-	-50°C to +105°C	-	-	-	NO

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										
	DIMENSION UNITS		SCALE		CURRENT REV DESC: PACKAGING SPEC ADDED, NEW P/N'S ADDED		molex				
	mm		1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)						CSE M8 XP AC BC RA XM SE				
ANGULAR TOL ± 1.0 °											
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 770174		PRODUCT CUSTOMER DRAWING				
	3 PLACES		±		DRWN: RSCHIEBER 2023/10/20						
	2 PLACES		± 0.05		CHK'D: RSILLER 2023/11/30						
	1 PLACE		± 0.3		APPR: RSILLER 2023/11/30						
	0 PLACES		± 0.5		INITIAL REVISION:		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
					DRWN: FGAIK 2016/11/02		1200868179		PSD	000	A6
				APPR: RSILLER 2016/11/14							
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER		SHEET NUMBER	
					A3-SIZE	120086	SEE PART LIST SH 3	GENERAL MARKET		2 OF 3	

