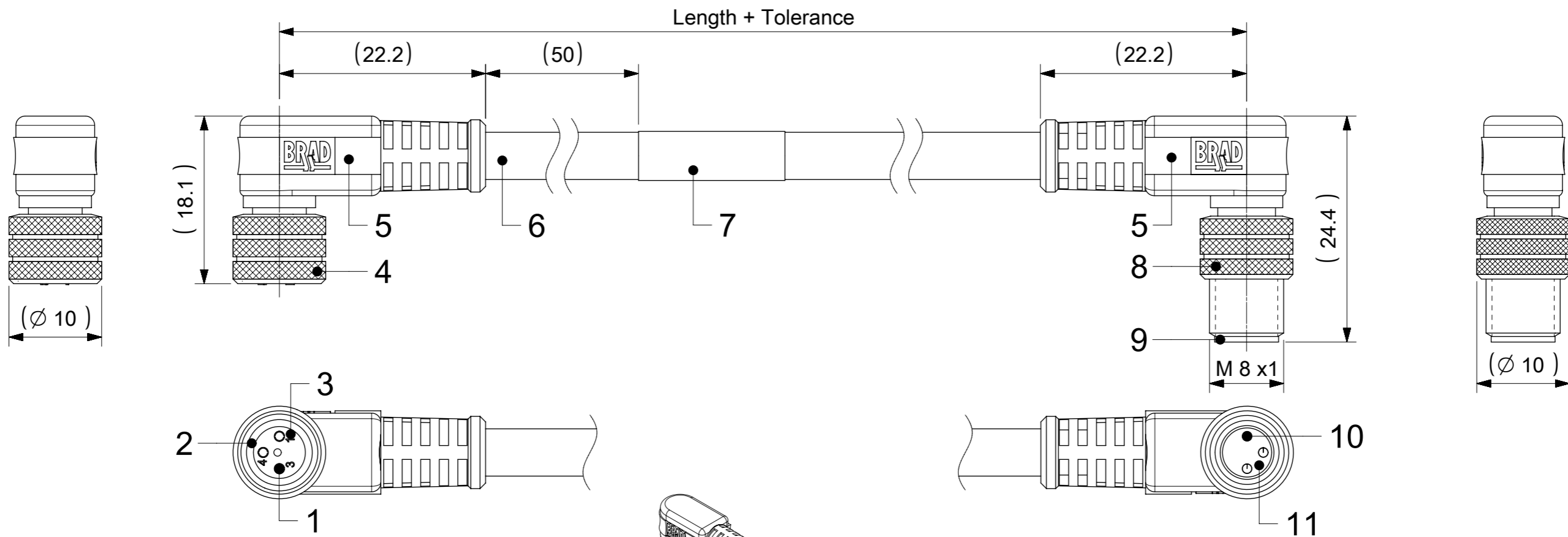


FEMALE PLUG M8 90° ANGLED TO MALE PLUG M8 90° ANGLED



CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE						
MALE						
CONNECTIONS	PIN	WIRE	PIN	WIRE	PIN	WIRE
	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
					5	GREY

CODING ACCORDING TO IEC 61076-2-104

SCALE 1:1

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

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
11	1	INSERT MALE BLACK	TPU	---
10	3 / 4 / 5	CONTACT M8 MALE	BRASS	SELECTIVE Au OVER Ni
9	1	SLEEVE	BRASS	NICKEL
8	1	COUPLING NUT M8 MALE	BRASS	NICKEL
7	1	LABEL YELLOW	VINYL	---
6	-	PRINTING FOR CABLES lxx	---	---
5	-	CABLE	SEE SHEET 2	---
4	1	OVERMOULDING BLACK	TPU	---
3	1	COUPLING NUT M8 FEMALE	BRASS	NICKEL
2	1	INSERT FEMALE BLACK	TPU	---
1	3 / 4 / 5	O-RING RED	FKM	---
		CONTACT M8 FEMALE	BRASS	SELECTIVE Au OVER Ni

SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:	molex				
▽ = 0	mm	2:1	EC NO: 624852	CSE M8 M8 XP AC BC FE STR PVC MA RA XM				
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		DRWN: SSM 2019/09/30					
▽ = 0	ANGULAR TOL ± 1.0°		CHK'D: RSILLER 2019/09/30					
▽ = 0	4 PLACES ±		APPR: RSILLER 2019/09/30	PRODUCT CUSTOMER DRAWING				
▽ = 0	3 PLACES ±		INITIAL REVISION:	DOCUMENT NUMBER				
▽ = 0	2 PLACES ± 0.05		DRWN: JMARSZALEK 2016/12/20	1200878329		DOC TYPE	DOC PART	REVISION
▽ = 0	1 PLACE ± 0.3		APPR: RSILLER 2017/01/11			PSD	000	A1
▽ = 0	0 PLACES ± 0.5		THIRD ANGLE PROJECTION	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	SERIES		GENERAL MARKET		1 OF 3
▽ = 0			A3-SIZE	120087				

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

OPTIONS

4 4 X 0 3 3 X X X X X X X X

44=Nano-Change
M8x1
Double ended

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

Heads style:
033=Plug Female 90°
to Plug Male 90°

Cable type: See Table

Units:
M=Meter

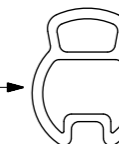
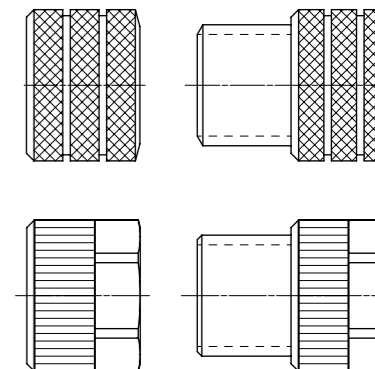
Length
Examples:
005=0.5 unit
010=1 unit
100=10 unit

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow

Coupling Nut:
Blank (Standard)=Knurled Brass Ni Plated
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)

COUPLING NUT
FEMALE MALE



CABLE INFORMATION (for more information see Cable Data Sheet).

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
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.	-	-
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 at 20°C, Temp. range +5°C to +60°C	-
I02	3 / 4	0.25mm ²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
P02	3 / 4 / 5	0.25mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, >7xO.D.	-5°C to +80°C, >15xO.D.	-	-
P82	3	0.34mm ²	PUR IRR ORANGE	-	-	-50°C to +105°C, >5xO.D.	-40°C to +105°C, >7.5xO.D.	-	-

CABLE LENGTH TOLERANCES

OVER	UP TO AND INCLUDING	TOLERANCES
0	305mm	+19mm
305mm	915mm	+45mm
915mm	1830mm	+56mm
1830mm	3660mm	+89mm
3660mm	7320mm	+165mm
7320mm	14640mm	+317mm
14640mm	30500mm	+610mm
30500mm	>	+2% of finished length

SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC:		molex
	▽ = 0	mm	SCALE	2:1	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 624852		CSE M8 M8 XP AC BC FE STR PVC MA RA XM
▽ = 0	ANGULAR TOL ± 1.0°		DRWN: SSM 2019/09/30		
▽ = 0	4 PLACES ±		CHK'D: RSILLER 2019/09/30		PRODUCT CUSTOMER DRAWING
▽ = 0	3 PLACES ±		APPR: RSILLER 2019/09/30		
▽ = 0	2 PLACES ± 0.05		INITIAL REVISION:		DOCUMENT NUMBER
▽ = 0	1 PLACE ± 0.3		DRWN: JMARSZALEK 2016/12/20		
▽ = 0	0 PLACES ± 0.5		APPR: RSILLER 2017/01/11		1200878329
■ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	DOC TYPE
▽ = 0				A3-SIZE	PSD
			SERIES	MATERIAL NUMBER	DOC PART
			120087	SEE TABLE	000
			CUSTOMER	GENERAL MARKET	REVISION
					A1
					SHEET NUMBER
					2 OF 3


PART LIST

No.	Molex PN	Engineering No.	Cable Length
1	1200878328	443033E02M006	0.6m
2	1200878329	443033E02M010	1m
3	1200878330	443033E02M030	3m
4	1200878331	443033I02M010	1m
5	1200878332	443033P02M003	0.3m
6	1200878333	443033P02M006	0.6m
7	1200878334	443033P02M020	2m
8	1200878379	444033P02M006	0.6m
9	1200878380	444033P02M010	1m
10	1200878381	444033P02M020	2m
11	1200878502	443033P02M010	1m
12	1200878505	443033H08M010	1m
13	1200878507	444033E02M010	1m
14	1200878508	444033H08M010	1m
15	1200878543	443033E02M010Y	1m
16	1200878582	444033P02M050	5m
17	1200878853	444033E02M003	0.3m
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No.	Molex PN	Engineering No.	Cable Length
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No.	Molex PN	Engineering No.	Cable Length
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No.	Molex PN	Engineering No.	Cable Length
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SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 0 ▽ = 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: 1:1	CURRENT REV DESC:							
	GENERAL TOLERANCES (UNLESS SPECIFIED)		ANGULAR TOL ± 1.0°		EC NO: 624852		DRWN: SSM 2019/09/30				CSE M8 M8 XP AC BC FE STR PVC MA RA XM		
	4 PLACES ±		3 PLACES ±		2 PLACES ± 0.05		1 PLACE ± 0.3		0 PLACES ± 0.5		PRODUCT CUSTOMER DRAWING		
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING: A3-SIZE		SERIES: 120087		MATERIAL NUMBER: SEE PART LIST		CUSTOMER: GENERAL MARKET		SHEET NUMBER: 3 OF 3