

FEMALE PLUG M8 STRAIGHT



- 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

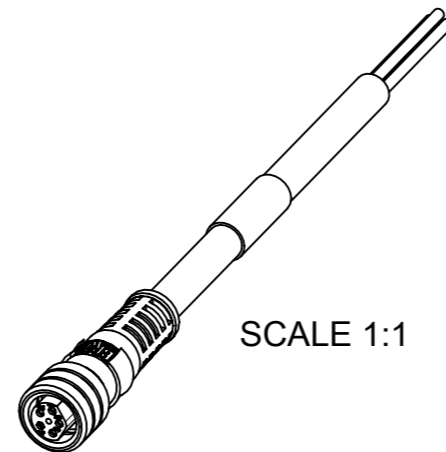
CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS	
FEMALE						
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

FOR OPTIONS SEE - NUMERICAL CODE - ON SHEET 2

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
8	2	I/D CARRIER (SEE MATRIX)	---	---
7	1	LABEL YELLOW	VINYL	---
	-	PRINTING FOR CABLES Ixx	---	---
6	-	CABLE	SEE SHEET 2	---
5	-	OVERMOULDING	TPU	SEE SHEET 2
4	1	COUPLING NUT M8 FEMALE	BRASS	SEE SHEET 2
3	1	INSERT FEMALE BLACK	TPU	---
2	1	O-RING RED	FKM	---
1	3 / 4 / 5	CONTACT M8 FEMALE	COPPER	SELECTIVE Au OVER Ni



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: OBSOLETE PART NUMBERS AS PER PCN#510807.		molex	
mm	2:1				
GENERAL TOLERANCES (UNLESS SPECIFIED)				M8 SINGLE ENDED FEMALE STRAIGHT	
ANGULAR TOL ± °				PRODUCT CUSTOMER DRAWING	
4 PLACES ±		EC NO: 726454		DOCUMENT NUMBER	
3 PLACES ±		DRWN: LIKITV	2022/09/28	1200860594	
2 PLACES ±		CHK'D: GGA	2022/11/30	DOC TYPE	DOC PART
1 PLACE ±		APPR: GGA	2022/11/30	PSD	000
0 PLACES ±		INITIAL REVISION:		REVISION	
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRWN: AKONDRACIUK	2017/02/16	A9	
THIRD ANGLE PROJECTION		APPR: MIWASIECZKO	2017/11/16	SHEET NUMBER	
DRAWING		SERIES	MATERIAL NUMBER	CUSTOMER	
A3-SIZE		120086	SEE PART LIST	GENERAL MARKET	

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

OPTIONS

4 0 X 0 0 0 X X X X X X X X X

40=Nano-Change
M8x1
Double ended

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

Heads style:
000=Plug Female Straight

Cable type: See Table

Units:
M=Meter
C=Centimeter

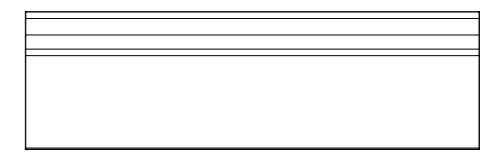
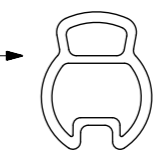
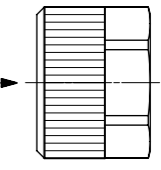
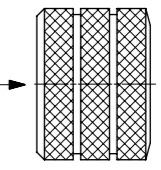
Length
Examples:
005=0.5 unit
010=1 unit
100=10 unit

Overmold color:
Blank (Standard) = Black
A = Grey / G = Black / Y = Yellow
For cables K03, K05, A09, S19,
S20, S26 & A10 = Yellow

Coupling Nut material:
Blank = Standard
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, S26
8 = Type 316 stainless steel
9 = Knurled / Hexagonal SW9 Brass Ni Plated

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

COUPLING NUT
FEMALE



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.	-	-
E18	3 / 4	0.20mm ²	PVC YELLOW	-	-	-30°C to +70°C	-5°C to +70°C	-	-
E51	4	0.25mm ²	PVC GREY	-	-	-	-	-	-
E52	3 / 4 / 8	0.34mm ²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
E54	3	0.25mm ²	PVC GREY	-	-	-25°C to +70°C	-5°C to +70°C	-	-
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	-
H09	3 / 4 / 5	0.34mm 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	-
H69	4	0.20mm ²	PUR GRAY LS0H	-	-	-	-	-	-
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.	-	-
P03	3 / 4 / 5	0.34mm ²	PUR / PVC BLACK	-	-	-30°C to +80°C, >7xO.D.	-5°C to +80°C, >15xO.D.	-	-
P18	4	0.20mm ²	PUR YELLOW	-	-	-	-	-	-
P82	3	0.34mm ²	PUR IRR ORANGE	-	-	-50°C to +105°C, >5xO.D.	-40°C to +105°C, >7.5xO.D.	-	-
K05	3 / 4 / 5	0.34mm ²	TPE YELLOW	UL ITC E195601 or PLC	I/II A/B 90°C/300V	-	-	-	-
L03	3	0.34mm ²	Blend PUR ORANGE	-	-	-30°C to +90°C	-5°C to +90°C	-	-
A10	3 / 4 / 5	0.25mm ²	PVC YELLOW	UL 2661	I/II A/B 105°C/300V	-	-	-	-


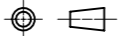
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

DIMENSION UNITS mm	SCALE 2:1	CURRENT REV DESC: OBSOLETE PART NUMBERS AS PER PCN#510807.	molex			
GENERAL TOLERANCES (UNLESS SPECIFIED)		EC NO: 726454				M8 SINGLE ENDED FEMALE STRAIGHT
ANGULAR TOL ± °		DRWN: LIKITV	PRODUCT CUSTOMER DRAWING			
4 PLACES ±		CHK'D: GGA	DOCUMENT NUMBER			
3 PLACES ±		APPR: GGA	1200860594			
2 PLACES ±		INITIAL REVISION:	DOC TYPE	DOC PART	REVISION	
1 PLACE ±		DRWN: AKONDRACIUK	PSD	000	A9	
0 PLACES ±		APPR: MIWASIECZKO				
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 4

PART LIST

Pos.	Part. No	Engineering No	Cable Length
141	1200270084	403000I02M100	10m
142	1200270148	404000I02M020	2m
143	1200270149	404000I02M050	5m
144	1200270360	404000I02M100	10m
145	1200860041	404000I02M030	3m
146	1200868269	403000I02M005	0.5m
147	1200868270	403000I02M006	0.6m
148	1200868271	403000I02M010	1m
149	1200868272	403000I02M025	2.5m
150	1200868273	403000I02M150	15m
151	1200868349	404000I02M003	0.3m
152	1200868445	403000I02M030Y	3m
153	1200868446	403000I02M050Y	5m
154	1200868447	403000I02M100Y	10m
155	1200868455	404000I02M020Y	2m
156	1200868456	404000I02M050Y	5m
157	1200868460	404000I02M100Y	10m
158	1200868507	403000I02M020Y	2m
159	1200868566	404000I02M030Y	3m
160	1200270032	403000P82M050	5m
161	1200271180	403000P82M020	2m
162	1200868183	403000P82M0507	5m
163	1200868192	403000P82M0207	2m
164	1200868212	403000P82M005	0.5m
165	1200868233	403000P82M010	1m
166	1200868420	403000P82M1007	10m
167	1200868470	403000P82M0207Y	2m
168	1200868482	403000P82M010Y	1m
169	1200271449	403000P18M070	7m
170	1200860101	403000A10M015	1.5m
171	1200860102	403000A10M020	2m
172	1200860107	403000A10M050	5m
173	1200860111	403000A10M100	10m
174	1200860112	403000A10M150	15m
175	1200860144	404000A10M020	2m

Pos.	Part. No	Engineering No	Cable Length
176	1200860145	404000A10M030	3m
177	1200860147	404000A10M050	5m
178	1200860155	404000A10M100	10m
179	1200860191	405000A10M020	2m
180	1200270140	404000E18M050	5m
181	1200270581	403000E18M020	2m
182	1200270606	403000E18M100	10m
183	1200860667	405000P02M200	20m
184	1200868849	405000H08M010	1m
185	1200868857	405000E02M010	1m
186	1200868934	404000H08M050H	5m
187			
188			
189			
190			
191			
192			
193			
194			
195			
196			
197			
198			
199			
200			
201			
202			
203			
204			
205			
206			
207			
208			
209			
210			

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: OBSOLETE PART NUMBERS AS PER PCN#510807.							
mm	1:1								
GENERAL TOLERANCES (UNLESS SPECIFIED)									
ANGULAR TOL	± °	EC NO: 726454 DRWN: LIKITV 2022/09/28 CHK'D: GGA 2022/11/30 APPR: GGA 2022/11/30							
4 PLACES	±								
3 PLACES	±	INITIAL REVISION: DRWN: AKONDRACIUK 2017/02/16 APPR: MIWASIECZKO 2017/11/16							
2 PLACES	±								
1 PLACE	±	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION			
0 PLACES	±	1200860594		PSD	000	A9			
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER			
		A3-SIZE	120086	SEE PART LIST	GENERAL MARKET	4 OF 4			