

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Others on request).

OPTIONS



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.)

8 0 X 0 0 7 X X X X X X X X

80=M12x1
Single ended

Contacts:
3=3 Contacts
4=4 Contacts
5=5 Contacts
8=8 Contacts

Heads style:
007=Plug Male
90° Angled

Cable type: See Table

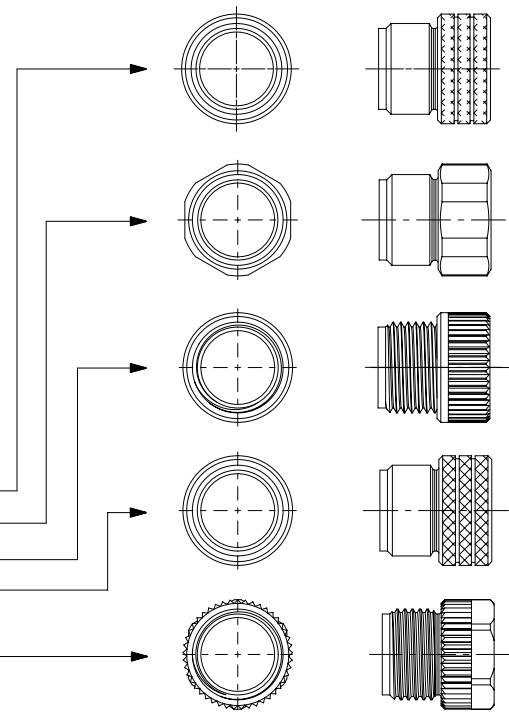
Units:
M=Meter
C=Centimeter

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

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

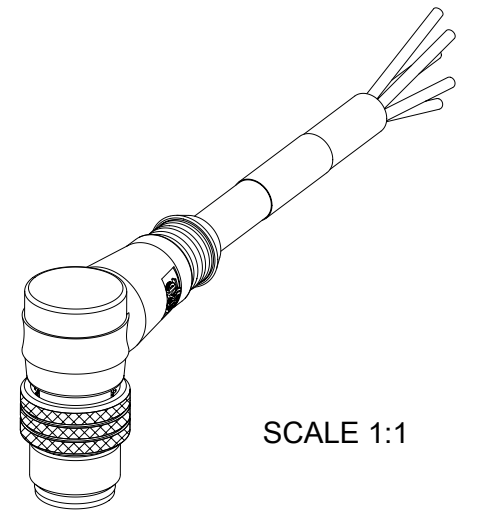
Coupling Nut:
Blank (Standard) & 3=Knurled Brass Ni Plated
1=Hexagonal Stainless steel
5=Knurled Delrin
7=Knurled Brass Ni Plated, Teflon Coated
Blank=7 for cables I20, I26, K03, K05, P82, S26
9=Knurled / Hexagonal Brass Ni Plated SW13

COUPLING NUTS



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
E13	3	18AWG	PVC YELLOW	UL 2661/1731	I/II A/B 80°C/300V	-	-	-	-
E52	3 / 4 / 8	0.34mm ²	PVC GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
H69	4	0.20mm ²	PUR GREY LS0H	-	-	-	-	-	-
I02	3 / 4 / 8	0.25mm ²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I03	3 / 4 / 5	0.34mm ²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
I20	3 / 4	0.34mm ²	PVC CEI GREY	-	-	-30°C to +70°C	-5°C to +70°C	-	YES
K05	3 / 4 / 5	0.34mm ²	TPE YELLOW	UL ITC E195601 or PLC	I/II A/B 90°C/300V	-	-	-	-
P12	3 / 5	0.50mm ²	PUR BLACK	-	-	-30°C to +90°C	-5°C to +90°C	-	-
P20	3 / 4 / 5	0.34mm ²	PUR BLACK LS0H	-	-	-30°C to +80°C	-	-	YES
P82	3 / 4 / 5	0.34mm ²	PUR IRR ORANGE	-	-	-50°C to +105°C, 5xO.D.	-40°C to +105°C, 7.5xO.D.	-	-
S20	3 / 4 / 5	0.34mm ²	PVC YELLOW	UL 2661/1731	C22.2 II A 105°C/300V	-30°C to +105°C	-	-	YES



SCALE 1:1

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					
	<table border="1"> <tr> <th>DIMENSION UNITS</th> <th>SCALE</th> </tr> <tr> <td>mm</td> <td>1:1</td> </tr> </table>	DIMENSION UNITS	SCALE		mm	1:1	EC NO: 635899 DRWN: JMARSZALEK 2017/01/23 CHK'D: RSILLER 2020/04/15 APPR: RSILLER 2020/04/15		CSE M12 XP AC MA RA XM SE UNSH
	DIMENSION UNITS	SCALE							
	mm	1:1							
GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± 1.0°	INITIAL REVISION: DRWN: JMARSZALEK 2016/01/14 APPR: RSILLER 2016/04/08		PRODUCT CUSTOMER DRAWING						
4 PLACES ± 3 PLACES ± 2 PLACES ± 0.05 1 PLACE ± 0.1 0 PLACES ± 0.2	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DOCUMENT NUMBER: 1200658327 DOC TYPE: PSD DOC PART: 000 REVISION: A1						
THIRD ANGLE PROJECTION	DRAWING: A3-SIZE	SERIES: 120065	MATERIAL NUMBER:	CUSTOMER: GENERAL MARKET SHEET NUMBER: 2 OF 3					

PART LIST

No.	Part No.	Engineering No.	Cable Length
1	1200060293	803007S20M050	5m
2	1200060587	804007H69M020	2m
3	1200060589	804007I03M020	2m
4	1200060599	804007S20M100	10m
5	1200062086	804007S20M050	5m
6	1200062304	805007P12M015	1,5m
7	1200063831	804007E52M100	10m
8	1200655015	804007P82M0507	5m
9	1200655016	804007P82M1007	10m
10	1200655017	804007P82M2007	20m
11	1200658005	804007P82M0107	1m
12	1200658229	803007E13M050	5m
13	1200658327	805007I03M015	1,5m
14	1200658464	803007S20M0501	5m
15	1200658521	805007P12M006	0,6m
16	1200658522	805007P12M020	2m
17	1200658596	803007I03M010	1m
18	1200658597	803007I03M040	4m
19	1200658598	803007I03M100	10m
20	1200658602	804007I03M010	1m
21	1200658603	804007I03M030	3m
22	1200658604	804007I03M040	4m
23	1200658695	808007I02M010	1m
24	1200658696	808007I02M020	2m
25	1200658697	808007I02M030	3m
26	1200658698	808007I02M040	4m
27	1200658699	808007I02M050	5m
28	1200658700	808007I02M100	10m
29	1200658963	804007S20M1001	10m
30	1200658964	804007S20M0501	5m
31	1200659172	805007I03M100A	10m
32	1200659204	805007P12M050	5m
33	1200659365	804007S20M010H	1m
34	1200659375	804007S20M350	35m
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No.	Part No.	Engineering No.	Cable Length
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	A3-SIZE		SERIES 120065	MATERIAL NUMBER CUSTOMER GENERAL MARKET	SHEET NUMBER 3 OF 3			