

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

OPTIONS

80X006XXXXXX

80=M12x1
Single ended

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

Heads style:
006=Plug Male Straight

Cable type: See Table

Units:
M=Meter

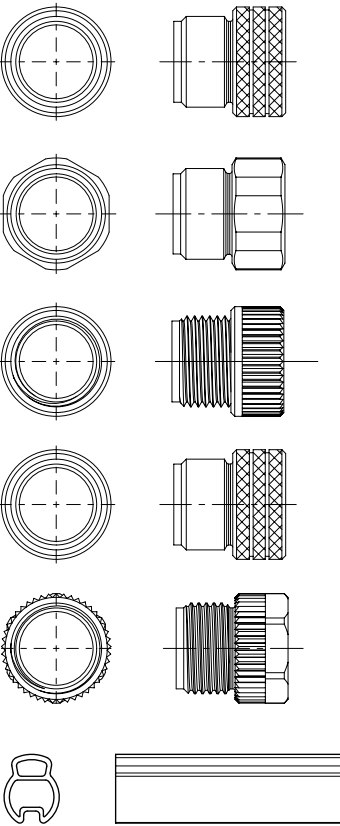
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

Overmold color:
Blank (Standard)=Black
A=Grey / G=Black / Y=Yellow
For Cable A09=Yellow

Coupling Nut:
Blank (Standard) & 3=Knurled Brass Ni Plated
1 or 8=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
Blank=7 for cables I20, I26, K03, K05, P82, S26
9=Knurled / Hexagonal Brass Ni Plated

H= 2 pcs. of I/D Carrier PVC Transparent

COUPLING NUTS

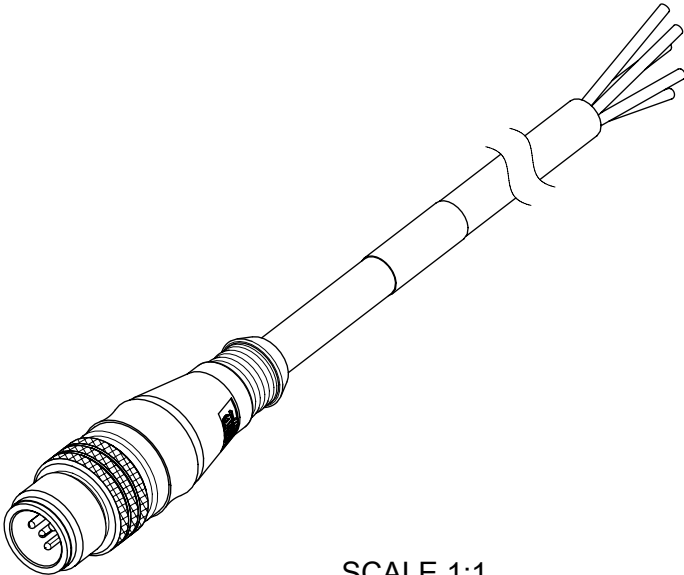


CABLE INFORMATION (for more information see Cable Data Sheet).

CABLE TYPE	NO. OF WIRES	CROSS SECTION	CABLE JACKET	UL	CSA	STATIC: TEMP. / BENDING RADIUS	DYNAMIC: TEMP. / BENDING RADIUS	DRAG CHAIN	SHIELD
E02	3 / 4 / 5 / 8	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.	-	-
E03	3 / 4 / 5	0.34mm²	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 / 8	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 at 20°C, Temp. range +5°C to +60°C	-
H09	3 / 4 / 5	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 at 20°C, Temp. range +5°C to +60°C	-
P02	3 / 4 / 5 / 8	0.25mm²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
P03	3 / 4 / 5	0.34mm²	PUR / PVC BLACK	-	-	-30°C to +80°C, 7xO.D.	-5°C to +80°C, 15xO.D.	-	-
A09	3	0.34mm²	PVC YELLOW	-	-	-	-	-	-
K03	5	0.82mm²	TPE YELLOW	-	-	-	-	-	-
K05	4	0.38mm²	TPE YELLOW	-	-	-	-	-	-

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



SCALE 1:1

FUNCTIONAL SYMBOLS

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

CURRENT REV DESC: NEW P/N ADDED

mm

1:1

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

DIVISIONAL SYMBOLS

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

EC NO: 780340

DRWN: RSCHIEBER

CHK'D: RSILLER

APPR: RSILLER

INITIAL REVISION:

DRWN: JMARSZALEK

APPR: RSILLER

THIRD ANGLE PROJECTION

DRAWING

SERIES

MATERIAL NUMBER

CUSTOMER

SHEET NUMBER

2024/03/14

2024/03/18

2024/03/18

2016/01/12

2016/04/08

A3-SIZE

120065

SEE TABLE

GENERAL MARKET

2 OF 4

molex

CSE M12 XP AC MA STR XM SE UNSH

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200659185

DOC TYPE

PSD

DOC PART

000

REVISION

A12

A

No.	Part No	Engineering No.	Cable Length
106	1200658731	804006H09M040	4m
107	1200658732	804006H09M050	5m
108	1200658733	804006H09M100	10m
109	1200658741	805006H09M010	1m
110	1200658742	805006H09M015	1.5m
111	1200658743	805006H09M020	2m
112	1200658744	805006H09M030	3m
113	1200658745	805006H09M040	4m
114	1200658746	805006H09M050	5m
115	1200658747	805006H09M100	10m
116	1200658784	804006E03M0101H	1m
117	1200658785	804006E03M1001H	10m
118	1200658876	804006E03M150	15m
119	1200658881	803006E03M050G	5m
120	1200658888	804006E03M020H	2m
121	1200658890	804006H09M003	0.3m
122	1200658892	803006H09M003	0.3m
123	1200658893	804006E03M050H	5m
124	1200658895	804006H09M200	20m
125	1200658897	805006E03M200	20m
126	1200658913	805006P03M030	3m
127	1200659034	804006E02M050	5m
128	1200659036	804006E02M070	7m
129	1200659037	804006E02M100	10m
130	1200659041	808006E02M005	0.5m
131	1200659109	804006E02M020	2m
132	1200659111	803006E02M050	5m
133	1200659141	805006H09M200	20m
134	1200659142	805006H09M300	30m
135	1200659145	805006E03M300	30m
136	1200659149	805006H09M005	0.5m
137	1200659154	804006P03M100Y	10m
138	1200659185	805006E03M080	8m
139	1200659186	804006E03M060	6m
140	1200659190	804006P03M250	25m

******- Part No. with Black PVC overmolding

FUNCTIONAL SYMBOLS
