

$$50^{+5}_0$$


B

A

B

A

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

OPTIONS

8 0 X 0 0 0 X 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:
000=Plug Female Straight

Cable type: See Table

Units:
M=Meter

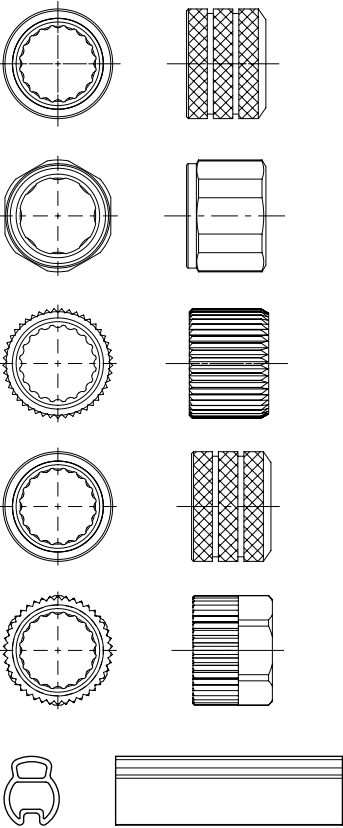
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

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

Coupling Nut:
Blank (Standard) & 3=Knurled Brass Ni Plated
1=Hexagonal Stainless steel
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated
9=Knurled / Hexagonal Brass Ni Plated

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

COUPLING NUTS

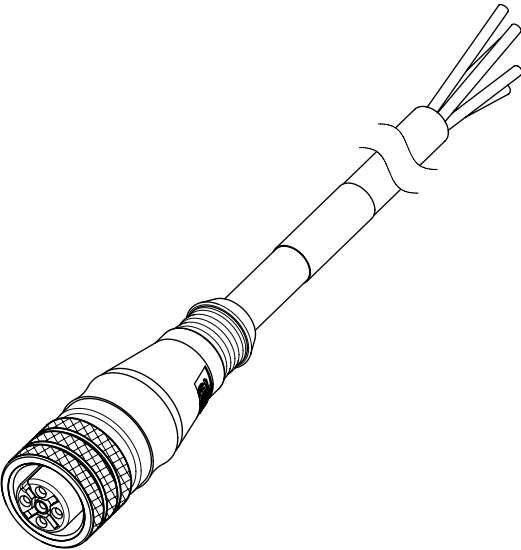


CABLE INFORMATION (for more information see Cable Data Sheet).

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	0.25mm 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.	-	-
E03	3 / 4 / 5	0.34mm 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 / 8	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	-
P02	3 / 4 / 5 / 8	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.	-	-

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

QUALITY SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
FA=0 FC=0 FB=0 FV=0 CV=0 XC=0 CS=0 CV=0	2016/11/29 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22	2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22 2016/12/22

PART LIST

No.	Part No.	Engineering No.	Cable Length
141	1200658475	804000E03M1501	✱ 15m
142	1200658492	804000P03M100G	10m
143	1200658502	805000E03M005	0.5m
144	1200658503	805000E03M0201	2m
145	1200658511	808000E02M010	1m
146	1200658525	808000P02C350	0.35m
147	1200658545	804000P03M015	1.5m
148	1200658550	804000H09M015	1.5m
149	1200658551	808000E02M1001	10m
150	1200658562	803000E03M010	1m
151	1200658563	803000E03M040	4m
152	1200658570	804000E03M040	4m
153	1200658590	808000E02M030	3m
154	1200658591	808000E02M040	4m
155	1200658592	805000E03M040	4m
156	1200658609	804000P02M020	2m
157	1200658610	803000P03M040	4m
158	1200658622	804000P03M010G	1m
159	1200658623	804000P03M030G	3m
160	1200658630	804000P03M040G	4m
161	1200658632	805000H09M010	1m
162	1200658633	805000H09M015	1.5m
163	1200658634	805000H09M030	3m
164	1200658635	805000H09M040	4m
165	1200658636	803000H09M010	1m
166	1200658637	803000H09M015	1.5m
167	1200658638	803000H09M030	3m
168	1200658639	803000H09M040	4m
169	1200658640	804000H09M010	1m
170	1200658641	804000H09M040	4m
171	1200658642	808000H08M010	1m
172	1200658643	808000H08M015	1.5m
173	1200658644	808000H08M020	2m
174	1200658645	808000H08M030	3m
175	1200658646	808000H08M040	4m

No.	Part No.	Engineering No.	Cable Length
176	1200658780	805000H09M200	20m
177	1200658782	804000E03M060	6m
178	1200658812	808000E02M150	15m
179	1200658813	808000H08M025	2.5m
180	1200658860	808000E02M0061G	0.6m
181	1200658880	804000H09M200	20m
182	1200658882	804000E03M100H	10m
183	1200658887	803000E03M020H	2m
184	1200658889	803000E03M050H	5m
185	1200658891	804000H09M003	0.3m
186	1200658894	804000E03M020G	2m
187	1200658896	804000E03M075	7.5m
188	1200658899	808000H08M250	25m
189	1200658907	804000H09M020H	2m
190	1200658920	808000E02M005H	0.5m
191	1200658921	808000E02M010H	1m
192	1200658927	804000P02M050	5m
193	1200658928	805000E03M1001	10m
194	1200658930	808000H08M150	15m
195	1200658977	805000P03M050G	5m
196	1200658983	804000E03M002	0.2m
197	1200658984	808000E02M2501	25m
198	1200658990	805000P03M050H	5m
199	1200658991	805000P03M100H	10m
200	1200659038	804000E02M100	10m
201	1200659040	804000E02M050	5m
202	1200659052	808000E02M2001	20m
203	1200659053	808000E02M3001	30m
204	1200659054	803000E03M050Y	5m
205	1200659055	803000E03M100Y	10m
206	1200659058	804000E03M050Y	5m
207	1200659059	804000E03M100Y	10m
208	1200659082	805000E03M100Y	10m
209	1200659088	804000P03M050HY	5m
210	1200659092	808000P02M050Y	5m

No.	Part No.	Engineering No.	Cable Length
211	1200659097	804000H09M050Y	5m
212	1200659100	808000E02M050Y	5m
213	1200659102	808000H08M100Y	10m
214	1200659103	808000E02M100Y	10m
215	1200659106	808000E02M150Y	15m
216	1200659107	808000H08M150Y	15m
217	1200659123	804000P03M100HY	10m
218	1200659144	805000H09M300	30m
219	1200659187	808000E02M4001	40m
220	1200659199	808000E02M150H	15m
221	1200659200	808000E02M250H	25m
222	1200659207	805000E03C230	0.23m
223	1200659214	805000P03M300	30m
224	1200659256	808000E02M200	20m
225	1200659279	805000E03M007	0.7m
226	1200659280	805000E03M350	35m
227	1200659282	805000P03M005	0.5m
228	1200659283	805000P03M007	0.7m
229	1200659302	804000P03M1005	10m
230	1200659326	805000P03M020H	2m
231	1200659329	805000P03M150H	15m
232	1200659330	805000P03M200H	20m
233	1200659334	808000P02M200H	20m
234	1200659340	804000P03M1501	15m
235	1200659341	804000P03M2501	25m
236	1200659368	805000E03M015	1.5m
237	1200659370	804000P03M020Y	2m
238	1200659387	808000E02M500	50m
239	1200659388	804000P03M012	1.2m
240	1200659389	804000P03M075	7.5m
241	1200659397	808000P02M100Y	10m
242	1200659399	808000P02M015	1.5m
243	1200659474	804000P03M250	25m
244	1200659475	804000P03M300	30m
245	1200659509	805000E03M600	60m

No.	Part No.	Engineering No.	Cable Length
246	1200659552	808000P02M050H	5m
247	1200659553	808000P02M100H	10m
248	1200659554	808000P02M150H	15m
249	1200659584	803000H09M003	0.3m
250	1200659594	805000P03M300H	30m
251	1200659595	805000P03M350H	35m
252	1200659613	808000E02M300	30m
253	1200659786	804000E02M041	4.1m
254	1200659790	804000E02M020	2m
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NOTES:

- ✱ - Part No. with Yellow PVC overmolding
- ✱✱ - Part No. with Black PVC overmolding

QUALITY SYMBOLS

 = 0

 = 0

 = 0

 = 0

 = 0

 = 0

 = 0

 = 0

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2016/11/29

2016/12/22

2016/01/11

2016/04/08

EC NO: 111438

DRWN: JMARSZALEK

CHK'D: RSILLER

APPR: RSILLER

GENERAL TOLERANCES (UNLESS SPECIFIED)

ANGULAR TOL ± 1.0 °

4 PLACES ±

3 PLACES ±

2 PLACES ± 0.05

1 PLACE ± 0.3

0 PLACES ± 0.5

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

MM

SCALE

1:1

DRWN BY

JMARSZALEK

DATE

2016/01/11

CHK'D BY

DATE

APPR BY

RSILLER

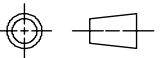
DATE

2016/04/08

DRAWING SIZE

A3

THIRD ANGLE PROJECTION





CSE M12 XP AC FE STR XM SE UNSH

PRODUCT CUSTOMER DRAWING

SERIES

120065

MATERIAL NUMBER

SEE PART LIST

CUSTOMER

GENERAL MARKET

DOCUMENT NUMBER

1200651978

DOC TYPE

PSD

DOC PART

000

SHEET NUMBER

4 OF 4

RELEASE STATUSADRELEASE DATE15.12.201616:06:24

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