

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

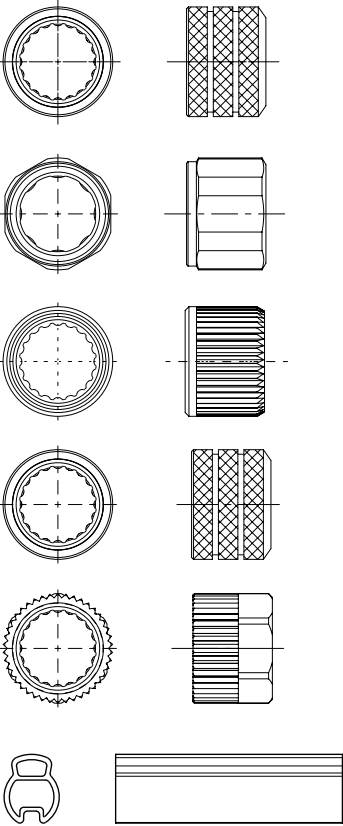
Length
Examples:
005=0.5 unit
010=1 unit
100=10 units

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

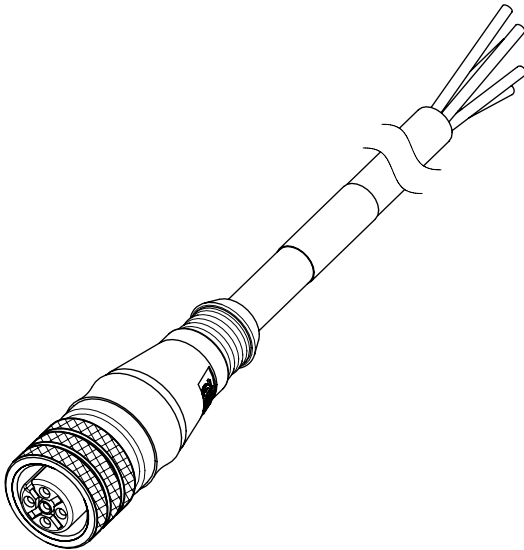


CABLE INFORMATION (for more information see Cable Data Sheet).

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

FUNCTIONAL SYMBOLS	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: RETRACTED P/N 1200658191 AS PER PCN#516775.			molex		
FA = 0	mm		1:1							
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)				CSE M12 XP AC FE STR XM SE UNSH					
FF = 0	ANGULAR TOL ± 1.0 °									
DIVISIONAL SYMBOLS	4 PLACES		±		EC NO: 823996			PRODUCT CUSTOMER DRAWING		
	3 PLACES		±		DRWN: ANIKES1 2025/05/30					
	2 PLACES		± 0.05		CHK'D: GGA 2025/05/30					
	1 PLACE		± 0.3		APPR: GGA 2025/05/30					
	0 PLACES		± 0.5		INITIAL REVISION:					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				DRWN: JMARSZALEK 2016/01/11			DOCUMENT NUMBER		
				APPR: RSILLER 2016/04/08			1200651978			
				THIRD ANGLE PROJECTION			DOC TYPE			
				DRAWING			PSD			
				SERIES			DOC PART			
				A3-SIZE			000			
				120065			REVISION			
							A13			
							SHEET NUMBER			
							2 OF 4			

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F

E

1

CB

A

- 1

FE

4

C

1

A

	10	9	8	7	6	5	4	3	2	1		
	PART LIST											
F	Part No.	Engineering No.	Cable Length	Part No.	Engineering No.	Cable Length	Part No.	Engineering No.	Cable Length	Part No.	Engineering No.	Cable Length
	1200658641	804000H09M040	4m	1200651795	808000P02M070	7m	4P P03 CABLE			1200659474	804000P03M250	25m
	1200658179	804000H09M050	5m	1200650955	808000P02M080	8m	1200063402	804000P03M003	0.3m	1200659341	804000P03M2501	25m
	1200064434	804000H09M050G	5m	1200650956	808000P02M0801	8m	1200658321	804000P03M005	0.5m	1200659475	804000P03M300	30m
	1200658008	804000H09M050H	5m	1200650957	808000P02M100	10m	1200063940	804000P03M0051	0.5m	1200657129	804000P03M400	40m
	1200658190	804000H09M100	10m	1200659553	808000P02M100H	10m	1200063121	804000P03M0053	0.5m	1200657130	804000P03M500	50m
	1200658191	804000H09M150	15m	1200659397	808000P02M100Y	10m	1200061785	804000P03M006	0.6m	5P P03 CABLE		
	1200658009	804000H09M100H	10m	1200658021	808000P02M150	15m	1200658064	804000P03M010	1m	1200060646	805000P03M003	0.3m
	1200658880	804000H09M200	20m	1200659554	808000P02M150H	15m	1200659388	804000P03M012	1.2m	1200659282	805000P03M005	0.5m
	1200065006	804000H09M250G	25m	1200651817	808000P02M200	20m	1200658545	804000P03M015	1.5m	1200659283	805000P03M007	0.7m
E	5P H09 CABLE			1200659334	808000P02M200H	20m	1200060018	804000P03M020	2m	1200658197	805000P03M010	1m
	1200658632	805000H09M010	1m	1200651818	808000P02M250	25m	1200060456	804000P03M0201	2m	1200060647	805000P03M020	2m
	1200658633	805000H09M015	1.5m	1200651820	808000P02M300	30m	1200659370	804000P03M020Y	2m	1200065004	805000P03M0201	2m
	1200658172	805000H09M020	2m	1200656766	808000P02M350	35m	1200060034	804000P03M025	2.5m	1200659326	805000P03M020H	2m
	1200658634	805000H09M030	3m	1200656767	808000P02M400	40m	1200060457	804000P03M030	3m	1200062521	805000P03M030	3m
	1200658635	805000H09M040	4m	3P P03 CABLE			1200652143	804000P03M040	4m	1200658020	805000P03M040	4m
	1200658173	805000H09M050	5m	1200061765	803000P03M002	0.2m	1200060019	804000P03M050	5m	1200651792	805000P03M050	5m
	1200658174	805000H09M100	10m	1200062098	803000P03M006	0.6m	1200060458	804000P03M0501	5m	1200652154	805000P03M060	6m
	1200657306	805000H09M100H	10m	1200060152	803000P03M010	1m	1200651780	804000P03M050G	5m	1200060649	805000P03M100	10m
	1200658780	805000H09M200	20m	1200060004	803000P03M020	2m	1200062347	804000P03M050H	5m	1200658991	805000P03M100H	10m
	1200659144	805000H09M300	30m	1200060153	803000P03M030	3m	1200659088	804000P03M050HY	5m	1200061431	805000P03M150	15m
D	1200657264	805000H09M500	50m	1200065012	803000P03M030G	3m	1200652144	804000P03M060	6m	1200659329	805000P03M150H	15m
	4P P02 CABLE			1200064093	803000P03M032	3.2m	1200656436	804000P03M0601				

Part No.	Engineering No.	Cable Length
1200651795	808000P02M070	7m
1200650955	808000P02M080	8m
1200650956	808000P02M0801	8m
1200650957	808000P02M100	10m
1200659553	808000P02M100H	10m
1200659397	808000P02M100Y	10m
1200658021	808000P02M150	15m
1200659554	808000P02M150H	15m
1200651817	808000P02M200	20m
1200659334	808000P02M200H	20m
1200651818	808000P02M250	25m
1200651820	808000P02M300	30m
1200656766	808000P02M350	35m
1200656767	808000P02M400	40m
3P P03 CABLE		
1200061765	803000P03M002	0.2m
1200062098	803000P03M006	0.6m
1200060152	803000P03M010	1m
1200060004	803000P03M020	2m
1200060153	803000P03M030	3m
1200065012	803000P03M030G	3m
1200064093	803000P03M032	3.2m
1200658610	803000P03M040	4m
1200060005	803000P03M050	5m
1200651769	803000P03M050G	5m
1200063415	803000P03M0707	7m
1200060006	803000P03M100	10m
1200063673	803000P03M1001	10m
1200062811	803000P03M100H	10m
1200060157	803000P03M150	15m
1200060158	803000P03M200	20m
1200062772	803000P03M250	25m

Part No.	Engineering No.	Cable Length
1200659474	804000P03M250	25m
1200659341	804000P03M2501	25m
1200659475	804000P03M300	30m
1200657129	804000P03M400	40m
1200657130	804000P03M500	50m
5P P03 CABLE		
1200060646	805000P03M003	0.3m
1200659282	805000P03M005	0.5m
1200659283	805000P03M007	0.7m
1200658197	805000P03M010	1m
1200060647	805000P03M020	2m
1200065004	805000P03M0201	2m
1200659326	805000P03M020H	2m
1200062521	805000P03M030	3m
1200658020	805000P03M040	4m
1200651792	805000P03M050	5m
1200652154	805000P03M060	6m
1200060649	805000P03M100	10m
1200658991	805000P03M100H	10m
1200061431	805000P03M150	15m
1200659329	805000P03M150H	15m
1200064292	805000P03M200	20m
1200659330	805000P03M200H	20m
1200659214	805000P03M300	30m
1200659594	805000P03M300H	30m
1200659595	805000P03M350H	35m

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

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