

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

SPECIAL TYPES

8 8 X 0 3 2 X X X X X X X X X

88 = M12x1
Double ended

Poles:
3 = 3 Poles
4 = 4 Poles
5 = 5 Poles
8 = 8 Poles

Heads style:
032 = Plugs FE Straight & Male 90°

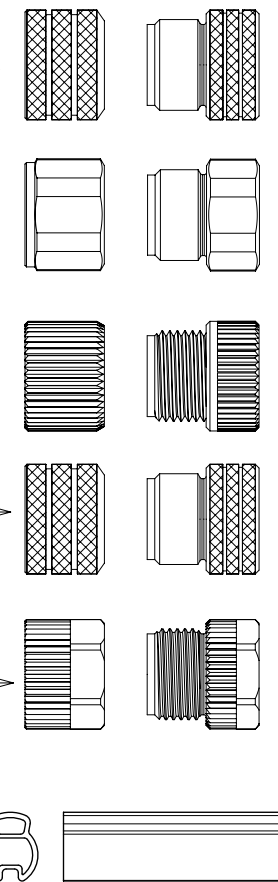
Cable types: E02=0.25mm² PVC Black E03=0.34mm² PVC Black E13=0.75mm² PVC Yellow E52=0.34mm² PVC Grey(RAL 7001) E57=0.34mm² PVC Grey(RAL 7001) H09=0.34mm² PUR Black H69=0.34mm² PUR Grey LSOH SCR I02=0.25mm² PVC Grey CEI I03=0.34mm² PVC Grey CEI I20=0.25mm² PVC Grey CEI SCR DC I26=0.34mm² PVC Grey CEI SCR AC P02=0.25mm² PUR/PVC Black P03=0.34mm² PUR/PVC Black P08=0.25mm² PUR Yellow HIFLEX P20=0.34mm² PUR Grey LSOH braid P82=0.34mm² PUR orange irradiated DC S20=0.34mm² PVC Yellow SJTO braid
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Units:
C = Centimeter
M = Meter
K = Killometer
F = Feet

Length
Examples:
020 = 2 M
060 = 6 M
100 = 10 M

Overmold color:
Blank (Standard)=Black TPU
Blank=Yellow PVC for cables
A09, S19, S20, S26
Blank=Yellow TPE-E for cables
K03, K05
A=Grey / G=Black / Y=Yellow
Coupling Nut:
Blank (Standard)=Knurled Brass Ni Plated
1=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 SW13
H= 2 pcs. of I/D Carrier PVC Transparent
(Cables Ixx & P82 always with 2 pcs. of
I/D Carrier even if no H in Engineering No.)

COUPLING NUT
FEMALE MALE

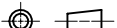


CABLE SPECIFICATION

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.	-	-
E52	4	0.34mm²	PVC GRAY	-	-	- 30 to + 70°C	- 5 to + 70°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	-
H69	4	0.2mm²	PUR LSOH	-	-	-	-40°C to +80°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.	-	-
P82	4	0.34mm²	PUR IRR ORANGE	-	-	-50°C to +105°C,	-50°C to +105°C,	-	-
I03	4	0.34mm²	PVC GRAY	-	-	-30°C to +70°C	-5°C to +70°C	-	-
K03	4	AWG18	TPE YELLOW	ITC E195601 OR PLTC	AWM I/II A/B FT4 LL54185	-	-40°C to +105°C	-	-
K05	4	0.34mm²	TPE YELLOW	ITC E195601 OR PLTC	AWM I/II A/B FT4 LL54185	-	-40°C to +105°C	-	-
S20	4	0.34mm²	PVC YELLOW	UL 2661/1731	C22.2 AWM II	-30°C to +105°C	-40°C to +105°C	-	-

CABLE LENGTH TOLERANCE

OVER	UPTO AND INCULDING	TOLERANCE
0	305	+19
305	915	+45
915	1830	+56
1830	3660	+89
3660	7320	+165
7320	14640	+317
14640	30500	+610
30500	>	+2% OF LENGTH

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: ADDED PNS 1200669890 & 1200669891			molex										
	mm		1:1															
	GENERAL TOLERANCES (UNLESS SPECIFIED)																	
	ANGULAR TOL ± 1.0°							EC NO: 698496 DRWN: MDHARMANTI 2022/03/07 CHK'D: RSILLER 2022/03/07 APPR: RSILLER 2022/03/07			CSE M12 XP AC FE STR MA RA XM							
4 PLACES		±																
3 PLACES		±																
DIVISIONAL SYMBOLS	2 PLACES		± 0.05		INITIAL REVISION: DRWN: DSOPPIN 2018/09/27 APPR: RSILLER 2018/10/22			PRODUCT CUSTOMER DRAWING										
	1 PLACE		± 0.3															
	0 PLACES		± 0.5															
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION								DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	
H					A3-SIZE		120007		MATERIAL NUMBER		SEE PART LIST		CUSTOMER		GENERAL MARKET		SHEET NUMBER	
															2 OF 4			

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
DIVISIONAL SYMBOLS A = 0 E = 0 F = 0	DIMENSION UNITS	SCALE	CURRENT REV DESC: ADDED PNS 1200669890 & 1200669891			molex				
	mm	1:1								
	GENERAL TOLERANCES (UNLESS SPECIFIED)									
	ANGULAR TOL ± 1.0 °					CSE M12 XP AC FE STR MA RA XM				
	4 PLACES ±	EC NO: 698496								
	3 PLACES ±	DRWN: MDHARMANTI		2022/03/07						
	2 PLACES ± 0.05	CHK'D: RSILLER		2022/03/07						
	1 PLACE ± 0.3	APPR: RSILLER		2022/03/07						
0 PLACES ± 0.5	INITIAL REVISION:					PRODUCT CUSTOMER DRAWING				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION	DRAWING	SERIES	DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
		A3-SIZE	120007	1200070026		PSD	000	A6		
				MATERIAL NUMBER	CUSTOMER	SHEET NUMBER				
				SEE PART LIST	GENERAL MARKET	3 OF 4				

DOCUMENT STATUS	P1	RELEASE DATE	2022/03/07	15:09:32
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