

ENGINEERING NO. - NUMERICAL CODE (Available parts see PART LIST table. Other parts available upon request).

88X030XXXXXX

88=M12x1
Double ended

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

Heads style:
030=Plug Female Straight
to Plug Male Straight

Cable type: See Table

Units:
M=Meter
C=Centimeter
T=10x Meter

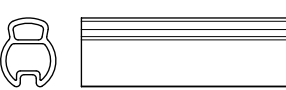
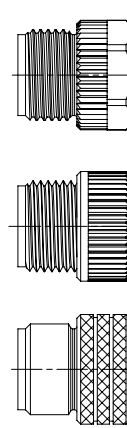
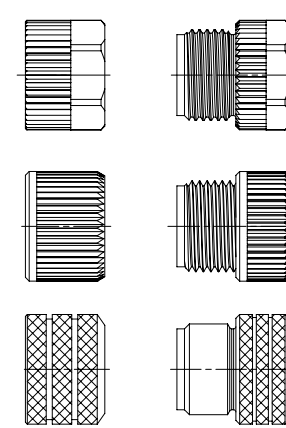
Length
Examples:
005=0.5 units
010=1 units
020=1 units
050=5 units
100=10 units
150=15 units
200=20 units

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

Coupling Nut:
Blank (Standard)=Knurled/Hex Brass, Ni Plated
5=Knurled Derlin
7=Knurled Brass Ni Plated, Teflon Coated

H= 2 pcs. of I/D Carrier PVC Transparent
(Cable B36 always with
2 pcs. I/D Carrier)

FEMALEMALE



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: TEMP. / BENDING RADIUS	DRAG CHAIN	CABLE PRODUCT SPECIFICATION	CABLE SPEC. DRAWING
B30	3 / 4 / 5	0.34mm²	TPU Black	UL 21215/758	C22.2 I/II A/B 80°/600V	-40°C to +90°C 5xO.D.	-25°C to +80°C 7.5xO.D.	-5°C to +60°C 7.5xO.D.	up to 5 000 000 cycles at temp 20°C	1552200001	SD-120209-001
B33	4 / 5	0.34mm²	TPU Gray								SD-120209-001
B36	4 / 5	0.34mm²	TPU Orange								SD-120209-001
B41	8	0.25mm²	TPU Black								SD-120209-006
B42	5	0.34mm²	TPU Black								SD-120209-001
B49	8	0.25mm²	TPU Orange								SD-120209-006
B55	3 / 4 / 5	0.34mm²	TPU Yellow								n/a

CABLE LENGTH TOLERANCES

LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

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DIMENSION UNITS

mm

SCALE

1:1

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

CURRENT REV DESC: CHANGED DIMENSIONING STYLE OF OVERALL LENGTH TO "END TO END".
ADDED B49 CABLE P/N'S & NOTES. SORTED PART LIST USING CABLE TYPES ON SHEET 3&4.

EC NO: 789428
DRWN: AKABADI 2023/03/08
CHK'D: RSILLER 2024/07/02
APPR: RSILLER 2024/07/02

INITIAL REVISION:
DRWN: JMARSZALEK 2016/07/22
APPR: RSILLER 2016/08/29

THIRD ANGLE PROJECTION

DRAWING A3-SIZE

SERIES 120066

molex

CSE M12 XP AC FE STR WSOR MA STR XM DE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

1200668993

DOC TYPE

PSD

DOC PART

000

REVISION

B

MATERIAL NUMBER

SEE SHEET 3 & 4

CUSTOMER

GENERAL MARKET

SHEET NUMBER

2 OF 4

DOCUMENT STATUS P1 RELEASE DATE 2024/07/02 09:17:54

FORMAT: mox9916-00003
REVISION: 1
DATE: 2020/01/11

10987654321

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PART LIST																						
MOLEX PNENGINEERING NoL [mm]			MOLEX PNENGINEERING NoL [mm]			MOLEX PNENGINEERING NoL [mm]			MOLEX PNENGINEERING NoL [mm]													
3P CABLE B30			5P CABLE B30			5P CABLE B33			4P CABLE B36													
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4P CABLE B30			1200669482			1200669659			5P CABLE B36													
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mm		1:1																				
GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 789428 DRWN: AKABADI2023/03/08 CHK'D: RSILLER2024/07/02 APPR: RSILLER2024/07/02				CSE M12 XP AC FE STR WSOR MA STR XM DE														
ANGULAR TOL ± 1.0 °																						
4 PLACES ±				INITIAL REVISION: DRWN: JMARSZALEK2016/07/22 APPR: RSILLER2016/08/29				PRODUCT CUSTOMER DRAWING														
3 PLACES ±																						
2 PLACES ± 0.05				DOCUMENT NUMBER 12006688993				DOC TYPE PSD		DOC PART 000		REVISION B										
1 PLACE ± 0.3																						
0 PLACES ± 0.5				THIRD ANGLE PROJECTION				MATERIAL NUMBER SEE SHEET 3 & 4		CUSTOMER GENERAL MARKET		SHEET NUMBER 3 OF 4										
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS																						
DRAWING A3-SIZE 120066																						
DOCUMENT STATUS P1 RELEASE DATE 2024/07/02 09:17:54																						
	10	9	8	7	6	5	4	3	2	1												

