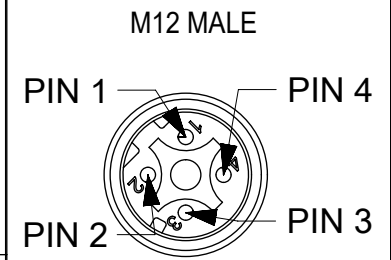


4 POLE D-CODE

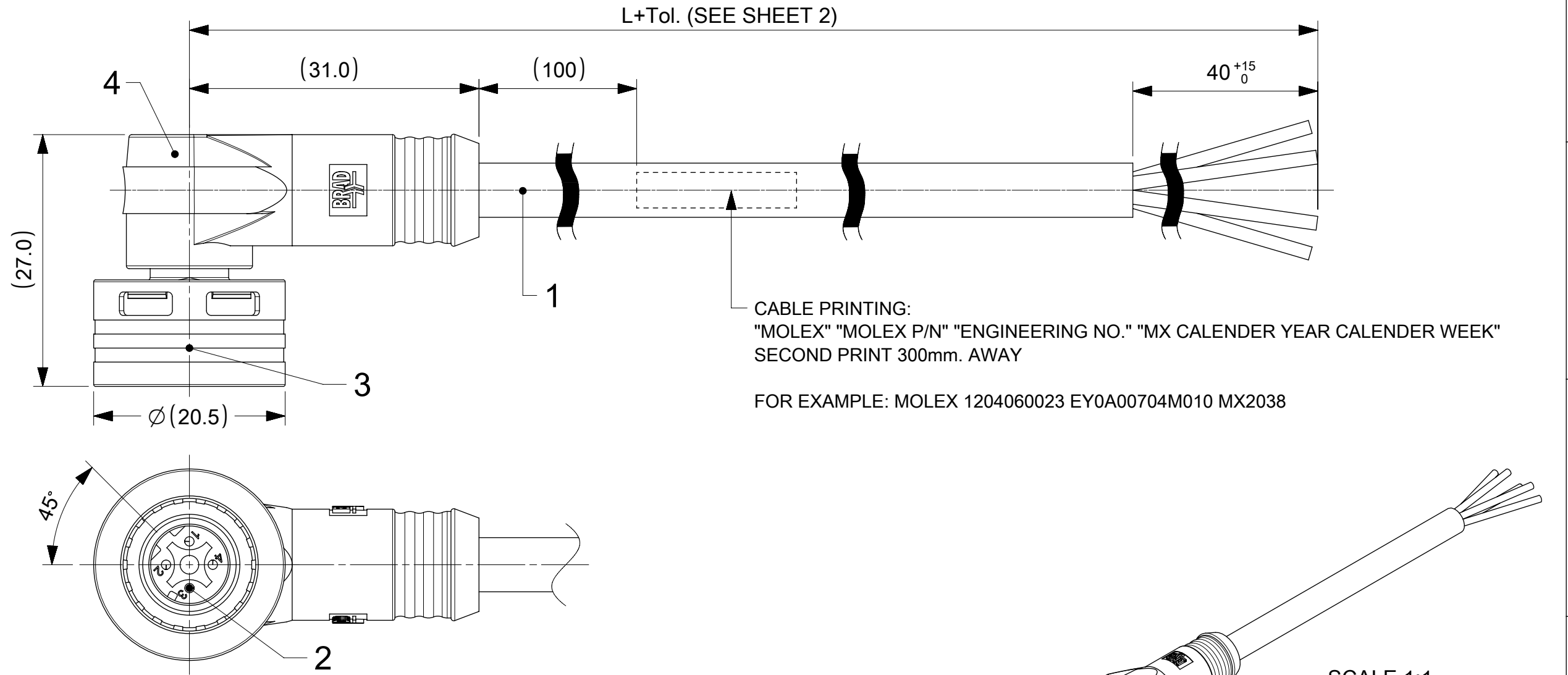


PIN	WIRE COLOR
1	OR
2	GN
3	OR/WH
4	GN/WH

CODING ACCORDING  
TO IEC 61076-2-101

PART No MATRIX

PART No MATRIX													OPTIONS
E	Y	0	A	0	0	7	X	X	X	X	X	X	X
EY0 = ETHERNET ULTRA LOCK 2.0 4 POLE D-CODE SINGLE ENDED			WIRING: A = 4 POLE STRAIGHT WIRED		HEADER: 007= MALE RA			CABLE: 04 - ETHERNET CAT-5E 2x2x24AWG TPE TEAL		UNIT: M = METER F = FEET C = CENTIMETER T = 10M		LENGTH: EXAMPLE: 010 = 1 m 050 = 5 m 100 = 10 m	OVERMOLD: BLANK = STANDARD BRAD: -YELLOW IN THE USA -BLACK IN EUROPE  A = GREY E = RED G = BLACK Y = YELLOW H = STD. COLOUR WITH TWO ID-TAG CARRIERS



NOTES:

- PARTS ACC. TO PRODUCT SPECIFICATION 1204000001 PS P10 AND IN STYLE OF IEC-61076-2-010
- BOM & PART LIST - SEE SHEET 2
- ELECTRICAL DATA: ACCORDING TO CAT5e ETHERNET STANDARD  
RATED VOLTAGE: 60V DC  
RATED CURRENT: 1.5A, DERATING HAS TO BE CONSIDERED  
OVERVOLTAGE CATEGORY: 3  
POLLUTION DEGREE: 3, ONLY IN MATED AND LOCKED CONDITION
- PROTECTION CLASS: IP 67, ONLY IN MATED AND LOCKED CONDITION
- TEMPERATURE RANGE:  
TEMPERATURE PLUG/SOCKET: -40 °C TO +85 °C  
TEMPERATURE CABLE: SEE CABLE LIST
- MECHANICAL OPERATIONS: 100 CYCLES
- MATES WITH ULTRA-LOCK M12 FEMALE RECEPTACLES
- PACKAGING: THE CORDSETS ARE SINGLE PACKED IN PLASTIC BAGS AND DELIVERED IN CARTON BOXES
- UL CSA FILE REGISTRATION PENDING

DOCUMENT STATUS	P1	RELEASE DATE	2023/01/31	08:21:47
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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: NOTES AND CABLE LIST UPDATED			<div>molex</div>			
<div><div>F</div><div>A</div><div>=</div><div>0</div></div>	mm		2:1								
<div><div>F</div><div>E</div><div>=</div><div>0</div></div>	GENERAL TOLERANCES (UNLESS SPECIFIED)				EC NO: 736602 DRWN: RSCHIEBER 2023/01/26 CHK'D: RSILLER 2023/01/31 APPR: RSILLER 2023/01/31			CSE U12ET 4P DC MA RA TPE XM SE UNSH TE			
<div><div>F</div><div>E</div><div>=</div><div>0</div></div>	ANGULAR TOL ± 1.0 °										
DIVISIONAL SYMBOLS	4 PLACES		±		INITIAL REVISION: DRWN: JELIZAINCIN 2021/04/20 APPR: RSILLER 2022/10/14			PRODUCT CUSTOMER DRAWING			
	3 PLACES		±					DOCUMENT NUMBER			
	2 PLACES		± 0.05		1204060023			DOC TYPE	DOC PART	REVISION	
	1 PLACE		± 0.3					PSD	000	A1	
	0 PLACES		± 0.5								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER
						A3-SIZE	120406	SEE SHEET 2		GENERAL MARKET	1 OF 2

F

E

D

C

B

A

F

E

D

C

B

A

PART LIST

MOLEX NO.

ENGINEERING NO.

LENGHT (MM)

MOLEX NO.

ENGINEERING NO.

LENGHT (MM)

MOLEX NO.

ENGINEERING NO.

LENGHT (MM)

10

9

8

7

6

5

4

3

2

1

CABLE LIST

4P

CABLE TYPE

DESCRIPTION

MATERIAL

FINISH/COLOR

FIXED INSTALLATION \*

FLEXIBLE INSTALLATION \*\*

DRAG CHAIN

X

04

CABLE ETHERNET CAT-5E TPE TEAL 2X2X24AWG D6.5

TPE

TEAL

-20°C

+75°C

-5°C

+75°C

-

-

\* FIXED POSITION WITHOUT ACCIDENTAL CRUSHING OF VIBRATION.  
\*\* FREE MOTION WITHOUT PERIODIC RECURRENCE OR FORCED GUIDANCE.

CABLE LENGTH TOLERANCES

LENGTH

TOLERANCE

0m-1m

>1m-5m

>5m-10m

>10m-20m

>20m-30m

>30m

+40 mm

+60 mm

+80 mm

+140 mm

+160 mm

+1% length

BILL OF MATERIAL:

4P

ITEM

QTY

DESCRIPTION

MATERIAL

FINISH/COLOR

X

1

-

CABLE

SEE CABLE LIST

SEE CABLE LIST

X

2

4

CONTACT 10 MA STA AU

COPPER ALLOY

GOLD OVER NICKEL PLATED

X

3

1

PLG U12 4P DC MA PA UNSH WT

-

-

X

4

1

OVERMOLD

TPC

SEE MATRIX

IF "H" IS IN MATRIX-END

-

2

I/D CARRIER DIA 4-7MMX30MM

PVC

TRANSPARENT

DOCUMENT STATUS

P1

RELEASE DATE

2023/01/31

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FUNCTIONAL SYMBOLS

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EC NO: 736602  
DRWN: RSCHIEBER  
CHK'D: RSILLER  
APPR: RSILLER

INITIAL REVISION:  
DRWN: JELIZAINCIN  
APPR: RSILLER

THIRD ANGLE PROJECTION

DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS

DIMENSION UNITS

SCALE

CURRENT REV DESC: NOTES AND CABLE LIST UPDATED

molex

CSE U12ET 4P DC MA RA TPE XM SE UNSH TE

PRODUCT CUSTOMER DRAWING

DOCUMENT NUMBER

DOC TYPE

DOC PART

REVISION

SHEET NUMBER

10

9

8

7

6

5

4

3

2

1

FORMAT: mae-a3-rev1  
DATE: 2020/01/11

10

9

8

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4

3

2

1