

WIRING DIAGRAM

M12 FE	WHITE
←	BROWN
←	GREEN
←	YELLOW
←	GRAY
←	PINK
←	BLUE
←	RED
←	BLACK
←	VIOLET
←	GRAY/PINK
←	RED/BLUE

KLUCZ / PART No. MATRIX

8 0 C 0 0 1 H 4 5 X X X X X X

80 = M12x1
Single ended

Poles:
C = 12 Poles

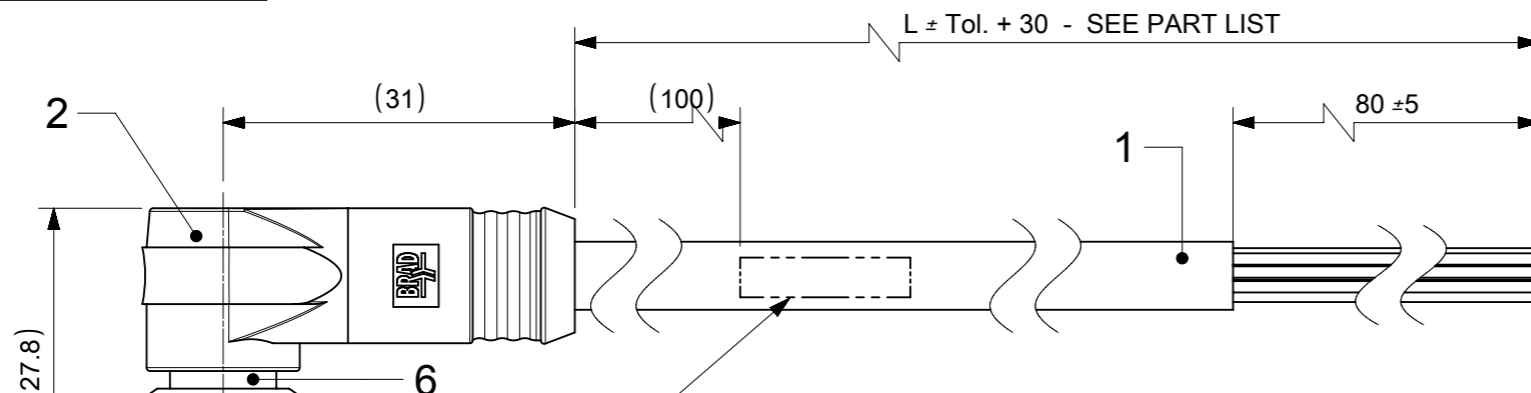
001 = Female 90°

Cable:
H45 = PUR BK
12x0.14mm² UL/CSA

Units:
M=Meter
C=Centimeter

Length
Examples:
005 = 0.5 m
010 = 1 m
020 = 2 m
050 = 5 m
100 = 10 m
150 = 15 m
200 = 20 m

Molding color:
Blank=Black
PUR (Standard)
A=Grey
Y=Yellow
G=Black

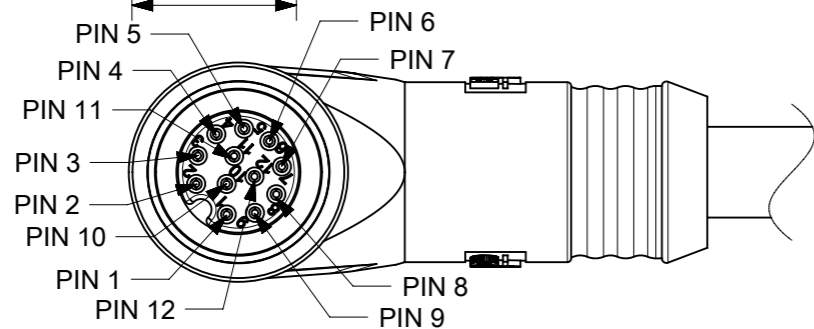


CABLE PRINTING: Molex MOLEX PN ENGINEERING No. MXYWW

SEE PART LIST SEE PART LIST

PROD. DATE ACCORDING TO WN-00001
WHERE: YY-YEAR, WW-WEEK

Coupling Nut Material
Blank=Standard
1=Stainless Steel
5=Delrin
7=Teflon Coated
H= 2 pc of I/D Carrier



BOM

ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR
7	1	GASKET 7.1x1.35	FPM	RED
6	1	M12 SHELL FEMALE SHIELD	BRASS	NICKEL PLATED
5	1	NUT M12 FE	BRASS	NICKEL PLATED
4	12	CONTACT M12 FE	BRASS	SELECTIVE GOLD OVER NICKEL
3	1	INSERT M12 FE 12P	PUR	BLACK
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 12x0.14	PUR	BLACK

PART LIST

MOLEX PN	ENGINEERING NO.	L+Tol.[mm]
1200655099	80C001H45M020	2000 +56
1200655100	80C001H45M040	4000 +165
1200655103	80C001H45M100	10000 +317
1200655105	80C001H45M040G	4000 +165
1200656197	80C001H45M250	25000 +610
1200658929	80C001H45M050	5000 +165
1200659363	80C001H45C250	250 +19
1200659578	80C001H45M200	20000 +610
1200659751	80C001H45M010	1000 +56

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SYMBOLS DIMENSION UNITS: mm SCALE: 1.5:1 GENERAL TOLERANCES (UNLESS SPECIFIED): ANGULAR TOL ± 1.0° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION CURRENT REV DESC: EC NO: 605788 DRWN: MKOWALCZYK01 2018/10/11 CHK'D: MIWASIECZKO 2018/10/12 APPR: MIWASIECZKO 2018/10/12 INITIAL REVISION: DRWN: AKONDRACIUK 2015/08/13 APPR: MIWASIECZKO 2015/09/16		 CSE M12 12P AC FE 90 XM SE UNSH PRODUCT CUSTOMER DRAWING	
	THIRD ANGLE PROJECTION 	DRAWING: A3-SIZE SERIES: 120065 MATERIAL NUMBER: SEE PART LIST CUSTOMER: CUSTOM		