



- NOTES:
- 1. LABEL ON THE CABLE / FOR CABLE IXX PRINTING ON THE CABLE
 - 2. 2 x ID CARRIER IF IN MATRIX IS "H" OR FOR CABLE IXX & P82.

CONTACTS POSITION FRONT VIEW:

	3 CONTACTS		4 CONTACTS		5 CONTACTS	
	PIN	WIRE	PIN	WIRE	PIN	WIRE
M8 - FEMALE	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
M12 - MALE	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
CONNECTIONS	1	BROWN	1	BROWN	1	BROWN
	3	BLUE	2	WHITE	2	WHITE
	4	BLACK	3	BLUE	3	BLUE
			4	BLACK	4	BLACK
CODING M8 ACCORDING TO IEC 61076-2-104						
CODING M12 ACCORDING TO IEC IEC 61076-2-101						

- NOTES :
- ELECTRICAL DATA :
- RATED VOLTAGE: 3 contacts 60V AC/DC
4 & 5 contacts 30V AC/DC
- CURRENT RATING: 3, 4 & 5 contacts 3A
- INSULATION RESISTANCE : 10⁸Ω MIN.
- MATING CYCLES : MIN. 100
- ENVIRONMENTAL :
- PROTECTION CLASS : IP67 IN MATED
AND LOCKED POSITION
- OPERATING TEMPERATURE : -25°C TO +80°C

BOM				
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
1	-	CABLE (SEE MATRIX)	-	-
2	-	MOULDING MATERIAL	TPU	BLACK
3	1	INSERT FE XP BK	PUR	BLACK
4	1	INSERT MA XP BK	PUR	BLACK
5	1	COUPLING NUT M8 FE	BRASS	Ni-PLATED /TEFLON COAT
6	1	COUPLING NUT M12 MA		
7	3/4/5	CONTACT FE	BRONZE	GOLD OVER NICKEL PLATED
8	3/4/5	CONTACT MA		
9	1	GASKET	FKM	RED
10	1	LABEL (SEE NOTE 1)	VINYL	YELLOW
11	X	ID CARRIER (SEE MATRIX)	PVC	TRANSPARENT

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		CURRENT REV DESC: SORTED PART LIST USING CABLE TYPES ON SHEET 2 AND STANDARD CABLE TOL. TABLE			
	DIMENSION UNITS	SCALE				
FA = 0	mm	2:1				
FE = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)					
FE = 0	ANGULAR TOL ± 1.0 °					
DIVISIONAL SYMBOLS	4 PLACES	±				
	3 PLACES	±				
	2 PLACES	± 0.05				
	1 PLACE	± 0.3				
	0 PLACES	± 0.5				
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			THIRD ANGLE PROJECTION	DRAWING	SERIES	MATERIAL NUMBER
				A3-SIZE	120087	SEE PART LIST
					CUSTOMER	SHEET NUMBER
					GENERAL MARKET	1 OF 2

