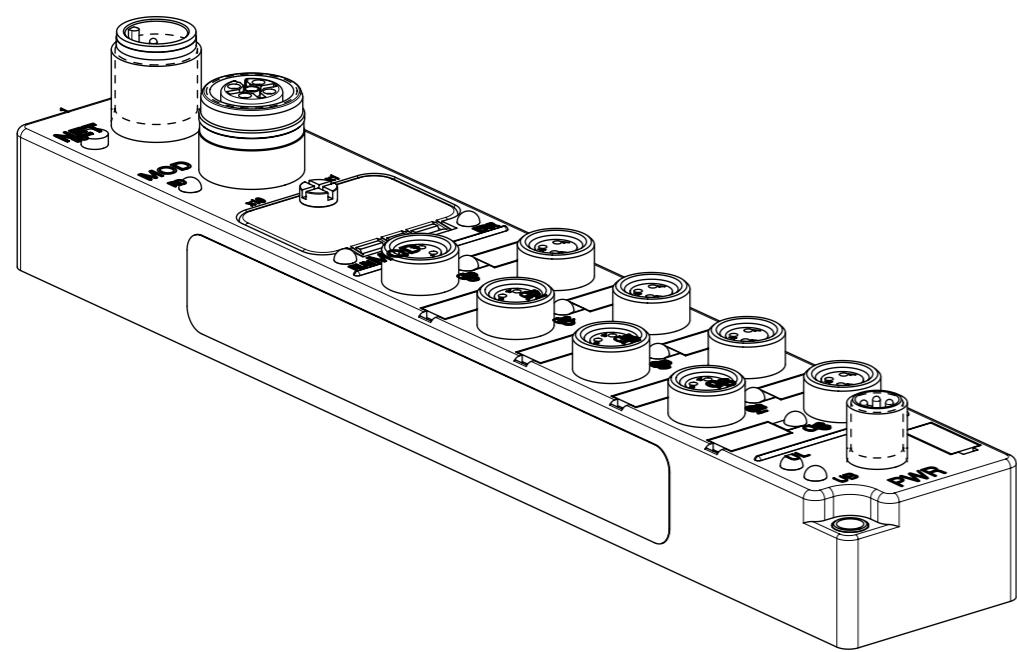


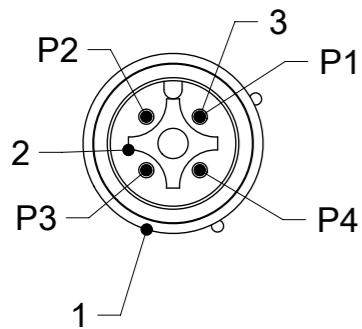
2x FIXING HOLES
SUITABLE FOR M4
SCREWS



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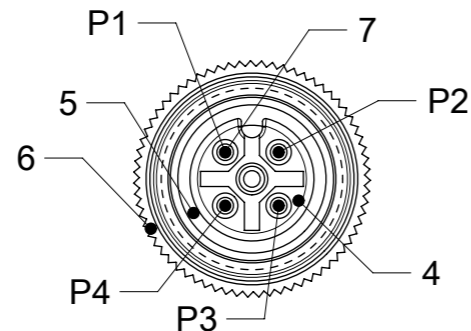
EC DESCRIPTION EC NO: 112126 DRWN: ULETTENMEIER 2016/11/30 CHK'D: APPR: RSILLER 2017/01/11	QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ☒ = 0 ■ = 0 ▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0.5 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS MM	SCALE 1:1				
	DRWN BY ULETTENMEIER	DATE 2015/03/17	CHK'D BY RSILLER	DATE 2015/06/24		SERIES 112101	MATERIAL NUMBER SEE TABLE 1,2,3	CUSTOMER GENERAL MARKET
	A1	REV	DRAFTING SIZE A3	THIRD ANGLE PROJECTION 	DOCUMENT NUMBER 1121015000	DOC TYPE PSD	DOC PART 000	SHEET NUMBER 1 OF 5
					PRODUCT CUSTOMER DRAWING			

A
BUS IN:
1x MALE M12 4P A-CODE



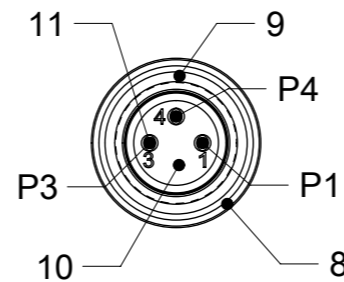
WIRING INFORMATION:
P1: SLD (Shield)
P2: DB (B Line)
P3: DG (Ground)
P4: DA (A Line)
SHELL: SLD (Shield)

B
BUS OUT:
1x FEMALE M12 5P A-CODE



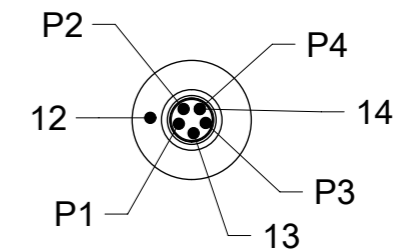
WIRING INFORMATION:
P1: SLD (Shield)
P2: DB (B Line)
P3: DG (Ground)
P4: DA (A Line)
SHELL: SLD (Shield)

C
INPUT / OUTPUT:
8x FEMALE M8 3P



WIRING INFORMATION:
INPUT OUTPUT
P1 - +24VDC (UB) P1 - NOT CONNECTED
P3 - 0V (UB) P3 - 0V (UL)
P4 - INPUT SIGNAL P4 - OUTPUT SIGNAL

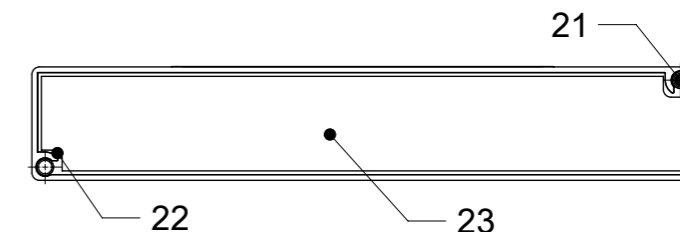
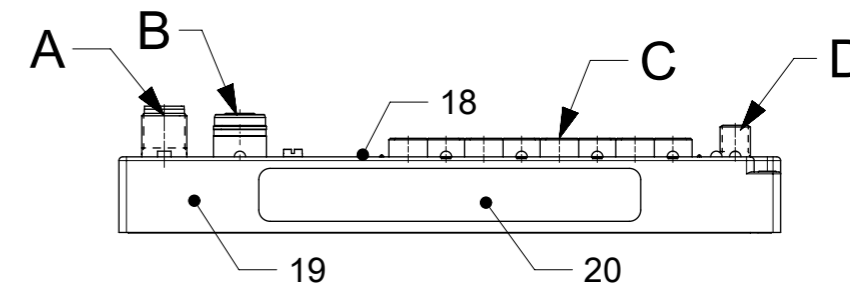
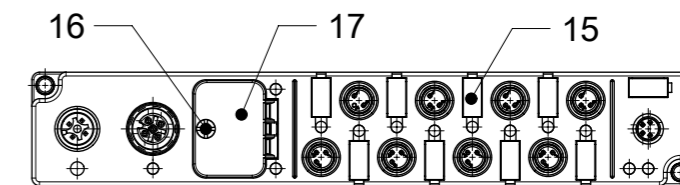
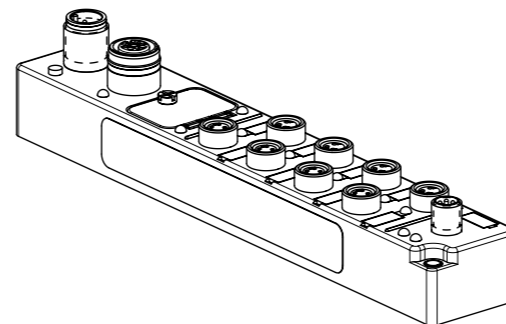
D
POWER
1X MALE M8 4P



WIRING INFORMATION
P1 - 0VDC (UL - GROUND OUTPUT POWER)
P2 - +24VDC (UB - MODULE & INPUT POWER)
P3 - +24VDC (UL - OUTPUT POWER)
P4 - 0V (UB - GROUND MODULE & INPUT POWER)
SHELL: FUNCTIONAL EARTH

BILL OF MATERIAL

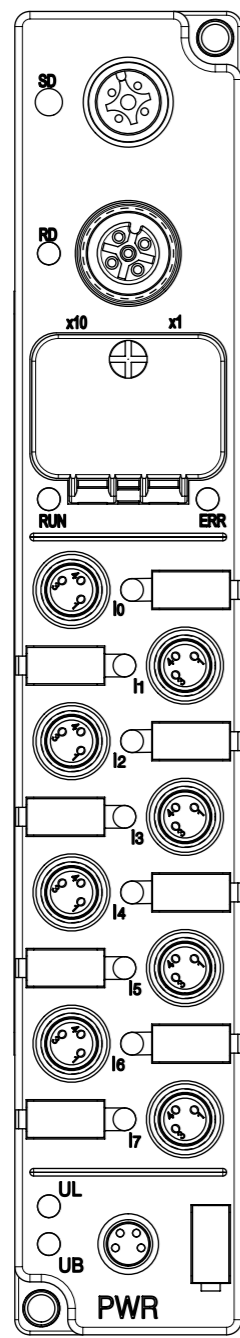
ITEM	DESCRIPTION	MATERIAL	FINISH
1	SHELL	BRASS	NICKEL PLATET
2	INSERT	TPU	BLACK
3	CONTACT	COPPER ALLOY	GOLD OVER NICKEL
4	INSERT	TPU	BLACK
5	GASKET	FPM	RED
6	SHELL	BRASS	NICKEL PLATET
7	CONTACT	COPPER ALLOY	GOLD OVER NICKEL
8	SHELL	BRASS	NICKEL PLATET
9	GASKET	FKM	RED
10	INSERT	TPU	BLACK
11	CONTACT	COPPER ALLOY	GOLD OVER NICKEL
12	SHELL	BRASS	NICKEL PLATET
13	OVERMOLD	PA	TRANSPARENT
14	CONTACT	COPPER ALLOY	GOLD OVER NICKEL
15	LABEL	PC	WHITE
16	SCREW	V2A	V2A
17	WINDOW	PC	TRANSPARENT
18	LED	PA	TRANSPARENT
19	HOUSING	PBT	BLACK
20	LABEL	PVC	YELLOW
21	SLEEVE	BRASS	NICKEL
22	RESIN	EPOXY	TRANSPARENT
23	LABEL	PVC	WHITE



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EC DESCRIPTION EC NO: 112126 DRWN: ULETTENMEIER 2016/11/30 CHK'D: REV APPR: RSILLER 2017/01/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE	 DBO CC LINK 30 MM M12 4P MA AC M12 5P AC FE M8 3P 8PT FE M8 4P AC MA PRODUCT CUSTOMER DRAWING						
	= 0 = 0 = 0 = 0 = 0 = 0 = 0 = 0	ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0.5 0 PLACES ± 0.5	MM	1:1							
	DRWN BY	DATE	CHK'D BY	DATE							
	APPR BY	DATE	DRAWING SIZE	THIRD ANGLE PROJECTION							
A1	REV	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	A3		112101	SEE TABLE 1,2,3	GENERAL MARKET	DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
					1121015000			1121015000	PSD	000	2 OF 5

9 8 7 6 5 4 3 2 1

E
D
C
B
A



8 IN PRINTING

TABLE 1 8 IN					
CC LINK					
POWER TYPE	INPUT / OUTPUT		ENG.NO.	MOLEX P/N	3D MODEL NO.
M8 4 POLE	NPN	8I	TBDCC-880N-844	1121015000	1121015000 (PDM)
	PNP	8I	TBDCC-880P-844	1121015003	

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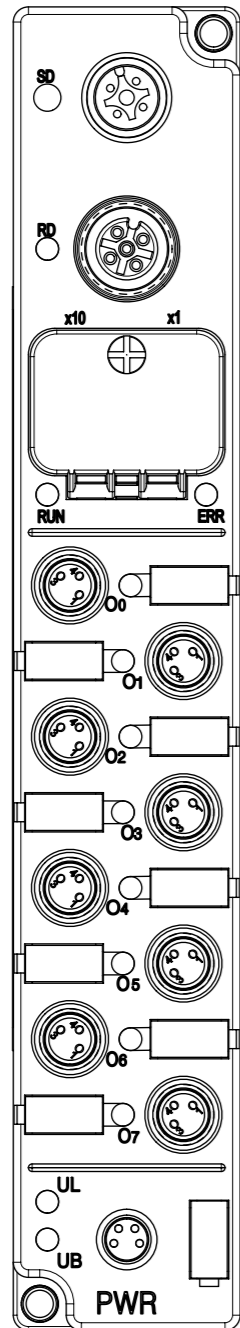
EC DESCRIPTION EC NO: 112126 DRWN: ULETTENMEIER 2016/11/30 CHK'D: APPR: RSILLER 2017/01/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0.5 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE	
	▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ☒ = 0 ■ = 0 ▽ = 0		MM	1:1	
	DRWN BY ULETTENMEIER		DATE	2015/03/17	
	CHK'D BY RSILLER		DATE	2015/06/24	
A1	REV		DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES: 112101 MATERIAL NUMBER: SEE TABLE 1,2,3 CUSTOMER: GENERAL MARKET
			A3		PRODUCT CUSTOMER DRAWING DOCUMENT NUMBER: 1121015000 DOC TYPE: PSD DOC PART: 000 SHEET NUMBER: 3 OF 5

9 8 7 6 5 4 3 2 1

9 8 7 6 5 4 3 2 1

E
D
C
B
A

TABLE 2 8 OUT				
		CC LINK		
POWER TYPE	INPUT / OUTPUT	ENG.NO.	MOLEX P/N	3D MODEL NO.
M8 4 POLE	PNP 8O	TBDCC-808P-844-G	1121015005	1121015000



8 OUT PRINTING

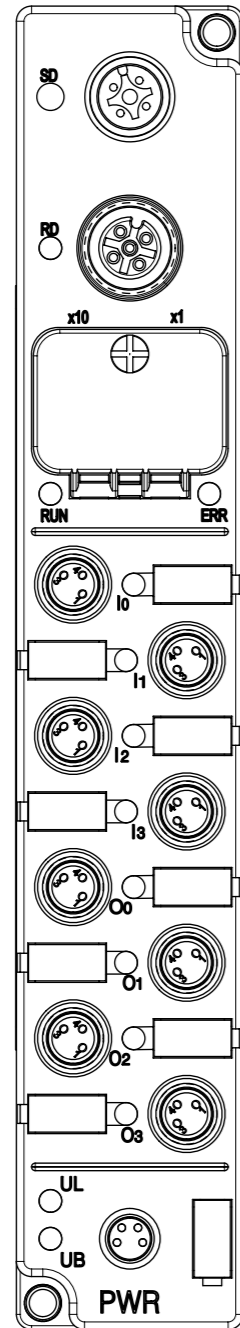
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION

EC DESCRIPTION EC NO: 112126 DRWN: ULETTENMEIER 2016/11/30 CHK'D: APPR: RSILLER 2017/01/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0.5 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE				
	▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ☒ = 0 ■ = 0 ▽ = 0		MM	1:1				
	DRWN BY ULETTENMEIER DATE 2015/03/17		CHK'D BY DATE	APPR BY RSILLER DATE 2015/06/24		SERIES 112101	MATERIAL NUMBER SEE TABLE 1,2,3	CUSTOMER GENERAL MARKET
	DRAWING SIZE A3		THIRD ANGLE PROJECTION	DOCUMENT NUMBER 1121015000		DOC TYPE PSD	DOC PART 000	SHEET NUMBER 4 OF 5

9 8 7 6 5 4 3 2 1

9 8 7 6 5 4 3 2 1

E
D
C
B
A



4IN / 4OUT PRINTING

TABLE 3 4IN / 4OUT					
CC LINK					
POWER TYPE	INPUT / OUTPUT		ENG.NO.	MOLEX P/N	3D MODEL NO.
M8 4 POLE	4I (NPN)/ 4O(PNP)		TBDCC-844N-844-G	1121015001	1121015000 (PDM)
	PNP	4I / 4O	TBDCC-844P-844-G	1121015004	

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EC DESCRIPTION EC NO: 112126 DRWN: ULETTENMEIER 2016/11/30 CHKD: APPR: RSILLER 2017/01/11	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0.5 0 PLACES ± 0.5 DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DIMENSION UNITS	SCALE		
	▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ☒ = 0 ■ = 0 ▽ = 0		MM	1:1		
			DRWN BY	DATE		DBO CC LINK 30 MM M12 4P MA AC M12 5P AC FE M8 3P 8PT FE M8 4P AC MA
			ULETTENMEIER	2015/03/17		
	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING			
	APPR BY	DATE	SERIES	MATERIAL NUMBER	CUSTOMER	
	RSILLER	2015/06/24	112101	SEE TABLE 1,2,3	GENERAL MARKET	
	REV		DRAWING SIZE	THIRD ANGLE PROJECTION	DOCUMENT NUMBER	
A1			A3		1121015000	
					DOC TYPE	
					PSD	
					DOC PART	
					000	
					SHEET NUMBER	
					5 OF 5	

9 8 7 6 5 4 3 2 1