

TABLE 1 BILL OF MATERIAL

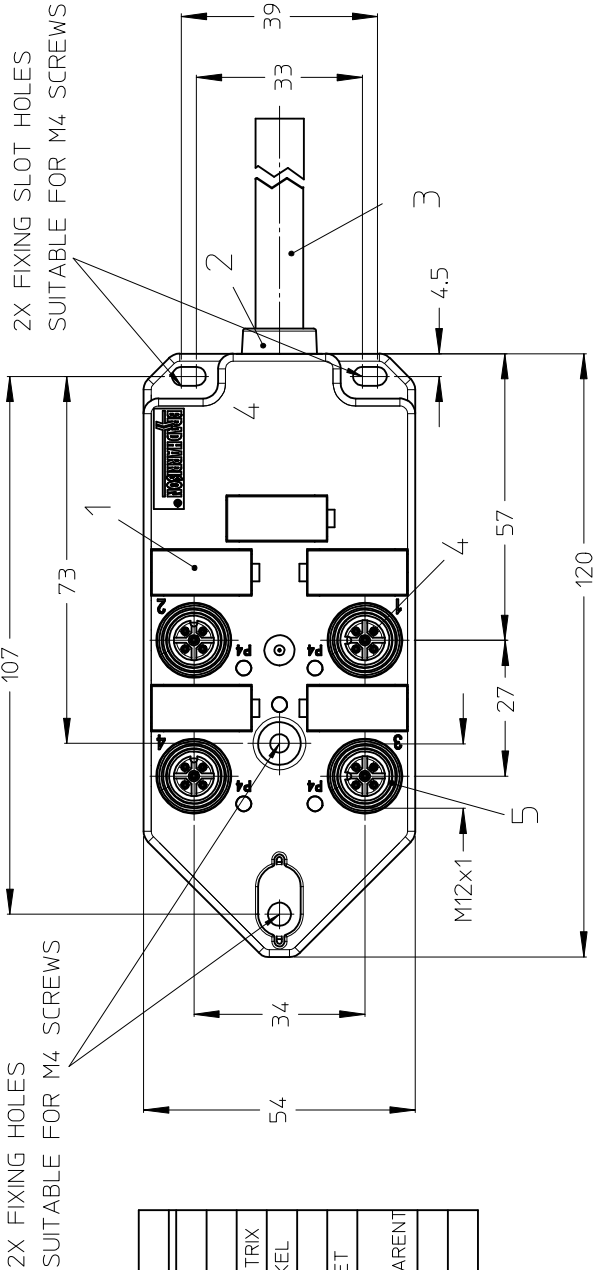
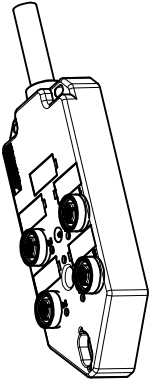
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH
1	5	LABEL	ABS	WHITE
2	1	CABLE PLATE	PBT	YELLOW
3	1	CABLE	SEE ENG. NO. MATRIX	SEE ENG. NO. MATRIX
4	16	CONTACT	BRASS	GOLD OVER NICKEL
5	4	O-RING	FPM	RED
6	4	SHELL	BRASS	NICKEL PLATET
7	5	LED	NON LED = PBT/ WITH LED = PA	NON LED=YELLOW/ WITH LED=TRANSPARENT
8	2	PROTECTING CAP	PP	BLACK
9	1	HOUSING	PBT	YELLOW

GENERAL CHARACTERISTICS

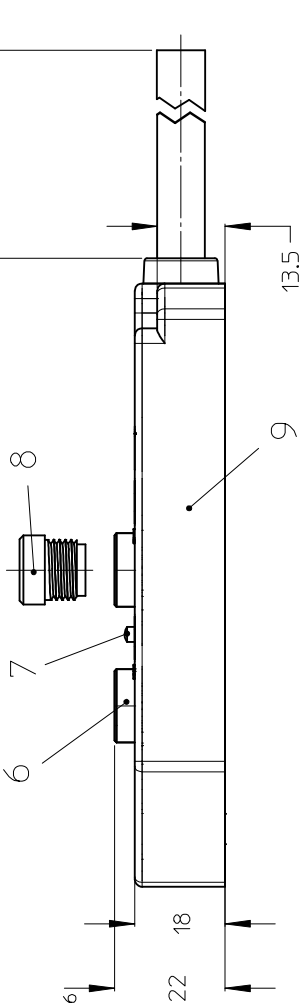
NOMINAL VOLTAGE: 10-30 V DC
POLUTION DEGREE: 3
RATED CURRENT: 4 A PER PORT / 12 A MAX: TOTAL
CONTACT RESISTANCE: ≤ 5 mOHM
ISULATION RESISTANCE: > 10⁹ OHM
IP DEGREE OF PROTECTION: IP 67

TEMPERATURE RANGE: -25°C to + 85°C
(BOX ONLY)

FLAMMABILITY: V0
Insert: V0
HOUSING: V0
POTTING MATERIAL: V0

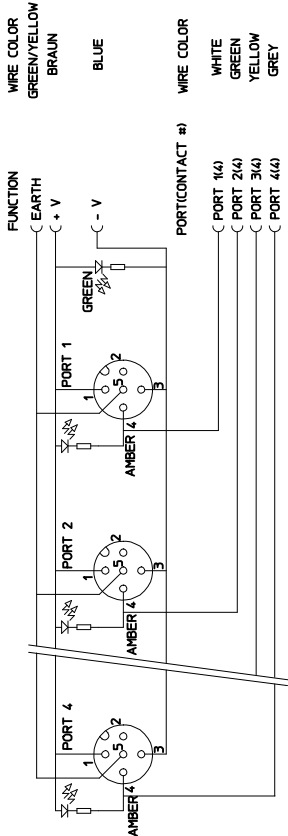


SEE TABLE 1 and 2.

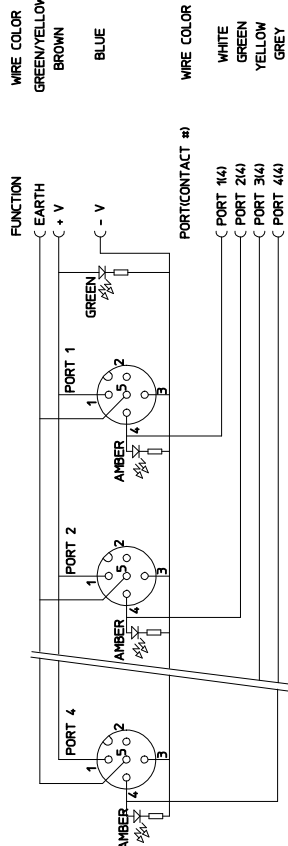


ENTER DESCRIPTION		EC NO: IFG2014-0267		DRAWN: LLETTENMEIER 2013/09/24		CHKD: FASILLER 2013/09/25		APPR: CBURGER 2013/10/07							
REV		DESCRIPTION		QUALITY SYMBOLS		GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
						mm		MM ONLY		1:1		METRIC		⊙	
						INCH									
						4 PLACES ± ---		DRAWN BY LSG		DATE 2011/08/18		TITLE		MPIS M12 PNP NPN NOS 4P	
						3 PLACES ± ---		CHECKED BY		DATE 2011/12/14				4PT AC FE STR PUR	
						2 PLACES ± 0.1		ZISMAYILOV						PVC XM	
						1 PLACE ± 0.2		APPROVED BY							
						0 PLACE ± ---		CBURGER		DATE 2011/12/20					
						ANGULAR ± 2 °		MATERIAL NO.							
						DRAFT WHERE APPLICABLE		SEE TABLE 2		DOCUMENT NO.				SD-120005-015	
						MUST REMAIN		SIZE						1 OF 3	
						WITHIN DIMENSIONS		A3						THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

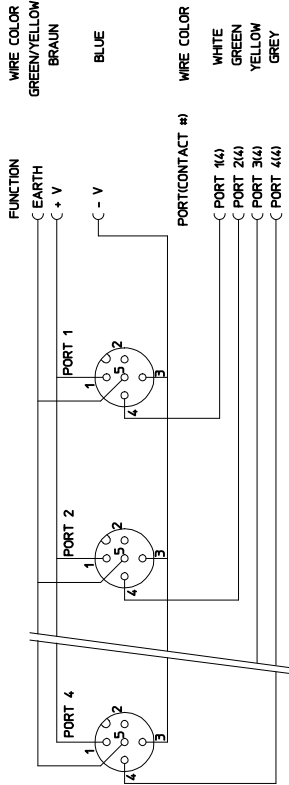
WIRING DIAGRAM SINGLE PORT NPN



WIRING DIAGRAM SINGLE PORT PNP



WIRING DIAGRAM SINGLE PORT NON LED



ENTER DESCRIPTION	
EC NO: IPG2014-0267	DRWN:ULETTE
CH'D:RSIL	2013/09/25
APPR:CBURGER	2013/10/07
REVISION	
REV	DESCRIPTION

GENERAL TOLERANCES (UNLESS SPECIFIED)		INCH		DIMENSION STYLE		SCALE		DESIGN UNITS		THIRD ANGLE PROJECTION	
mm		mm		MM ONLY		1:1		METRIC			
4 PLACES ± ---		± ---		DRAWN BY		DATE		TITLE			
3 PLACES ± ---		± ---		LSG		2011/08/18		MPIS M12 PNP NPN NOS 4P			
2 PLACES ± 0.1		± ---		CHECKED BY		DATE		4PT AC FE STR PUR			
1 PLACE ± 0.2		± ---		ZISMAYILOV		2011/12/14		PVC XM			
0 PLACE ± ---		± ---		APPROVED BY		DATE		molex			
ANGULAR ± 2 °		± ---		CBURGER		2011/12/20					
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SEE TABLE 2				DOCUMENT NO.		SHEET NO.	
				SIZE THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION				SD-120005-015		2 OF 3	

