

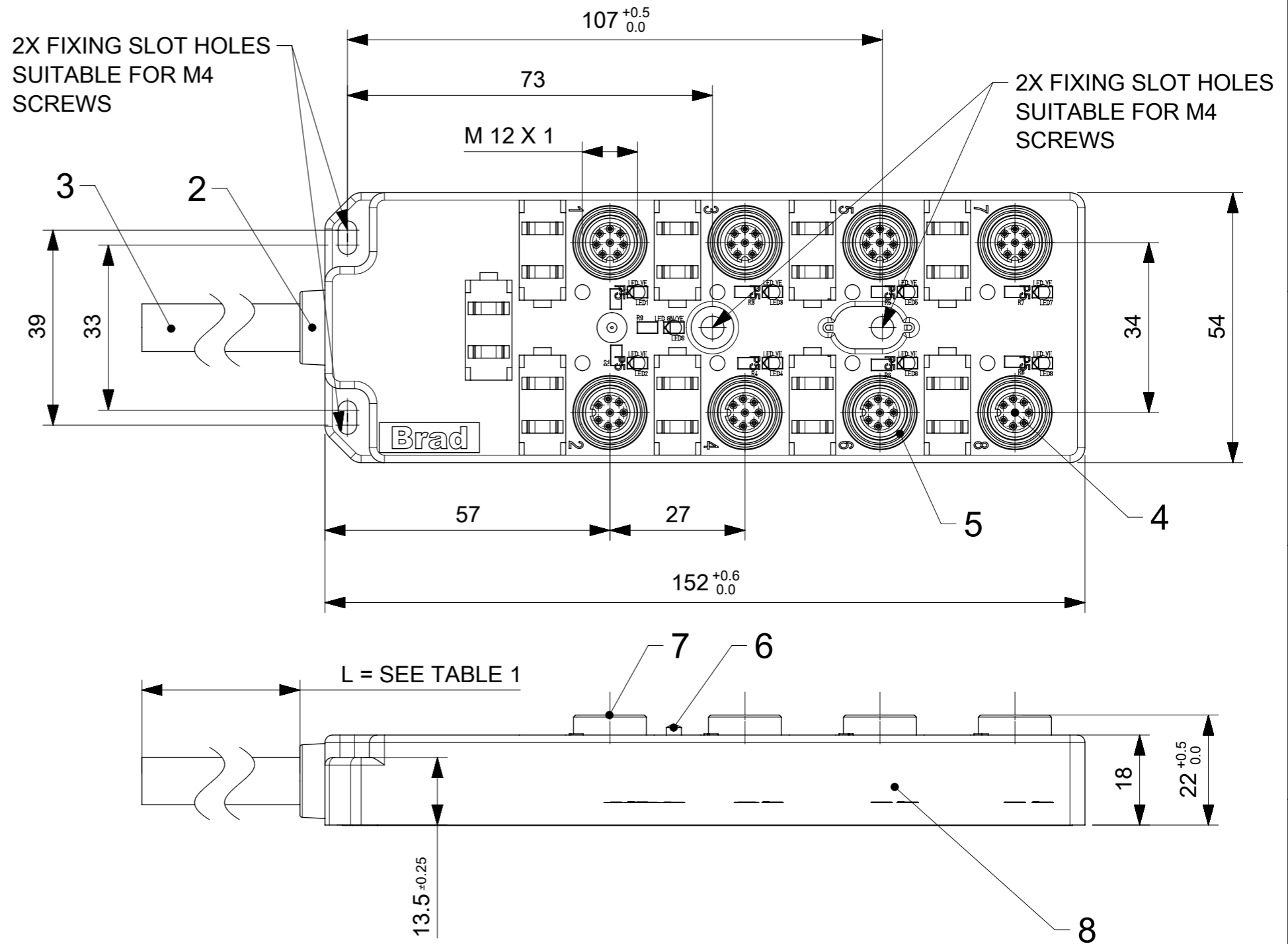
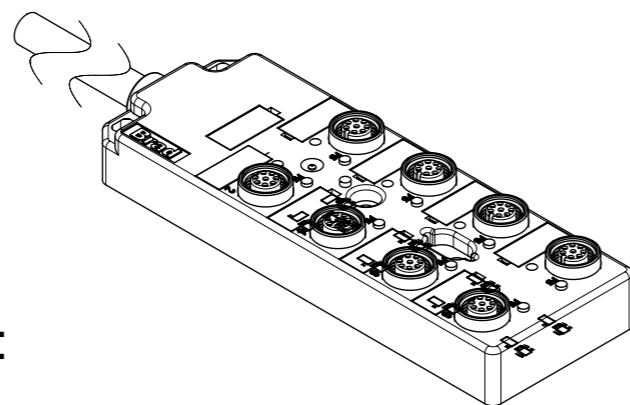
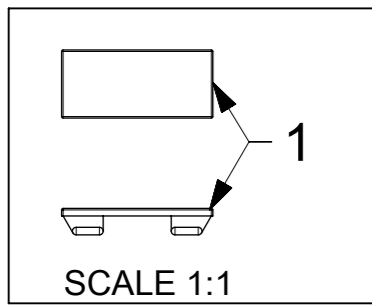
TABLE 1

MOLEX P/N	ENG. NO.	CABLE LENGTH (mm)
1202480510	BTR831P-FBW-05	5000
1202480511	BTR831P-FBW-10	10000
1202480512	BTR831P-FBW-15	15000

TABLE 2: BILL OF MATERIAL

ITEM	DESCRIPTION	MATERIAL	FINISH
1	LABEL	ABS	WHITE
2	CABLE PLATE	PBT	RED
3	CABLE	TPU BASED	BLACK
4	CONTACT	BRONZE	GOLD OVER NICKEL
5	O-RING	FPM	RED
6	SHELL	PA	TRANSPARENT
7	SHELL	BRASS	NICKEL PLATED
8	HOUSING	PBT	RED

PACKED IN BAG (9X)



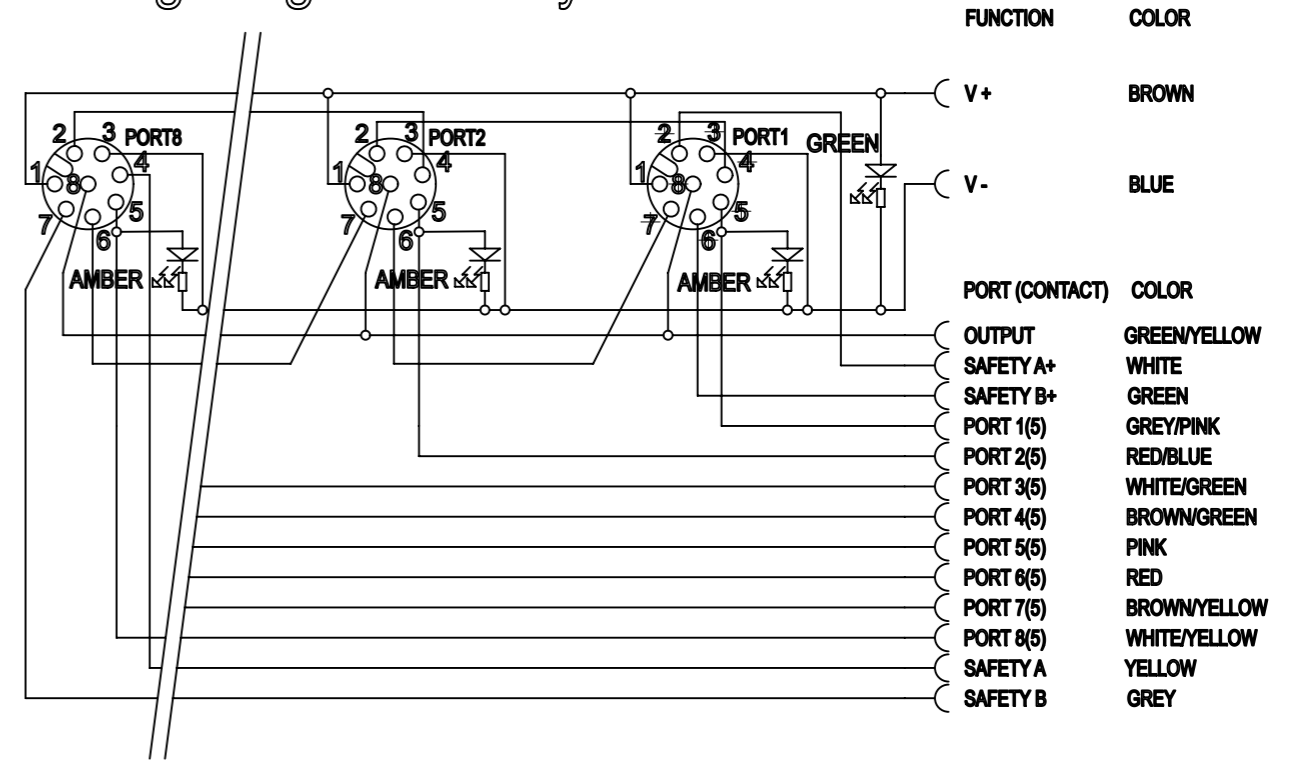
GENERAL CHARACTERISTICS:

ELECTRICAL AND MECHANICAL DATA ACC. TO IEC 61076-2-101

NOMINAL VOLTAGE: 10-30 V DC
 AMPERE RATING: 4 A PER PORT / 12 A MAX
 AMPERE RATING WITH UL REGISTRATION: 3 A PER PORT / 9 A MAX
 IP DEGREE OF PROTECTION: IP 67
 TEMPERATURE RANGE: -25°C to + 85°C

THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION									
EC DESCRIPTION EC NO: 104548 DRWN: ULETTENMEIER CHK'D: CBRUNS APP: CBRUNS	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE					
	▽ = 0	ANGULAR TOL ± °	mm	1:1					
	∇ = 0	4 PLACES ±	DRWN BY	DATE	MPIS M12 SAFETY STA PNP NPN NOS 8P 8PT AC FE STA RD XM SINGLE				
	∇ = 0	3 PLACES ±	ULETTENMEIER	2015/05/06					
▽ = 0	2 PLACES ±	CHK'D BY	DATE	PRODUCT CUSTOMER DRAWING					
▽ = 0	1 PLACE ±	APP'R BY	DATE						
∇ = 0	0 PLACES ± 0.25	RSILLER	2015/12/23	SERIES	MATERIAL NUMBER	CUSTOMER			
∇ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	DRAWING SIZE	THIRD ANGLE PROJECTION	120248	SEE TABLE 1	GENERAL MARKET			
A2	REV	A3		DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER		
				1202480510	PSD	000	1 OF 2		

Wiring Diagram Safety Wired



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QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ☒ = 0 ■ = 0 ▽ = 0	EC DESCRIPTION EC NO: 104548 DRWN: ULETTENMEIER CHK'D: CBRUNS APPR: CBRUNS			GENERAL TOLERANCES (UNLESS SPECIFIED) ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± 0.25		DIMENSION UNITS: mm SCALE:					
	DRWN BY: ULETTENMEIER DATE: 2016/04/26		APPR BY: RSILLER DATE: 2015/12/23		DRWN BY: ULETTENMEIER DATE: 2015/05/06		MPIS M12 SAFETY STA PNP NPN NOS 8P 8PT AC FE STA RD XM SINGLE				
	EC NO: 104548 DRWN: ULETTENMEIER CHK'D: CBRUNS APPR: CBRUNS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A3 THIRD ANGLE PROJECTION:						PRODUCT CUSTOMER DRAWING
	EC NO: 104548 DRWN: ULETTENMEIER CHK'D: CBRUNS APPR: CBRUNS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A3 THIRD ANGLE PROJECTION:		SERIES: 120248 MATERIAL NUMBER:		CUSTOMER: GENERAL MARKET		
	EC NO: 104548 DRWN: ULETTENMEIER CHK'D: CBRUNS APPR: CBRUNS		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		DRAWING SIZE: A3 THIRD ANGLE PROJECTION:		DOCUMENT NUMBER: 1202480510 DOC TYPE: PSD		DOC PART: 000 SHEET NUMBER: 2 OF 2		