

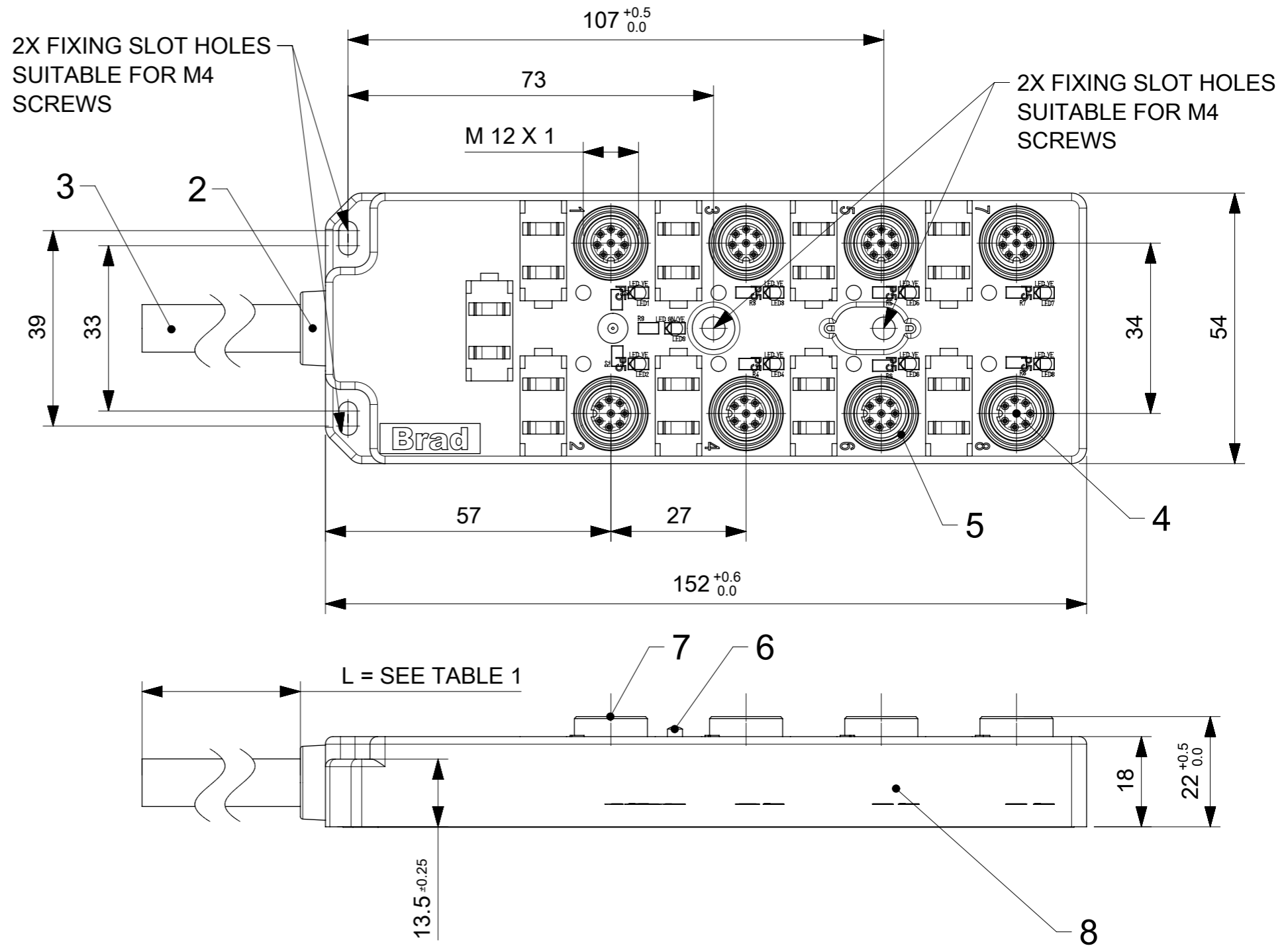
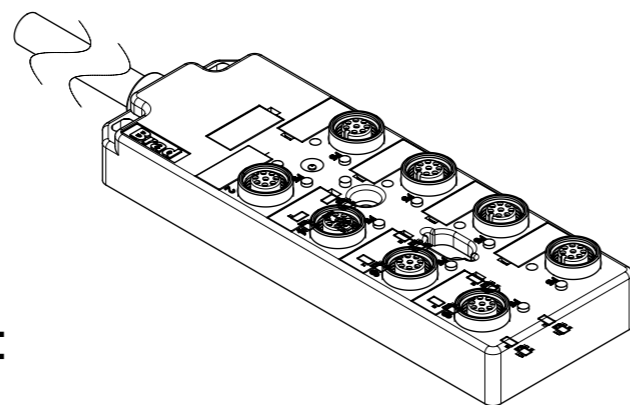
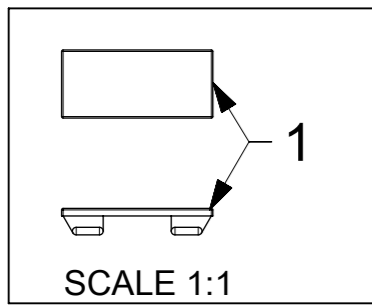
TABLE 1

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:

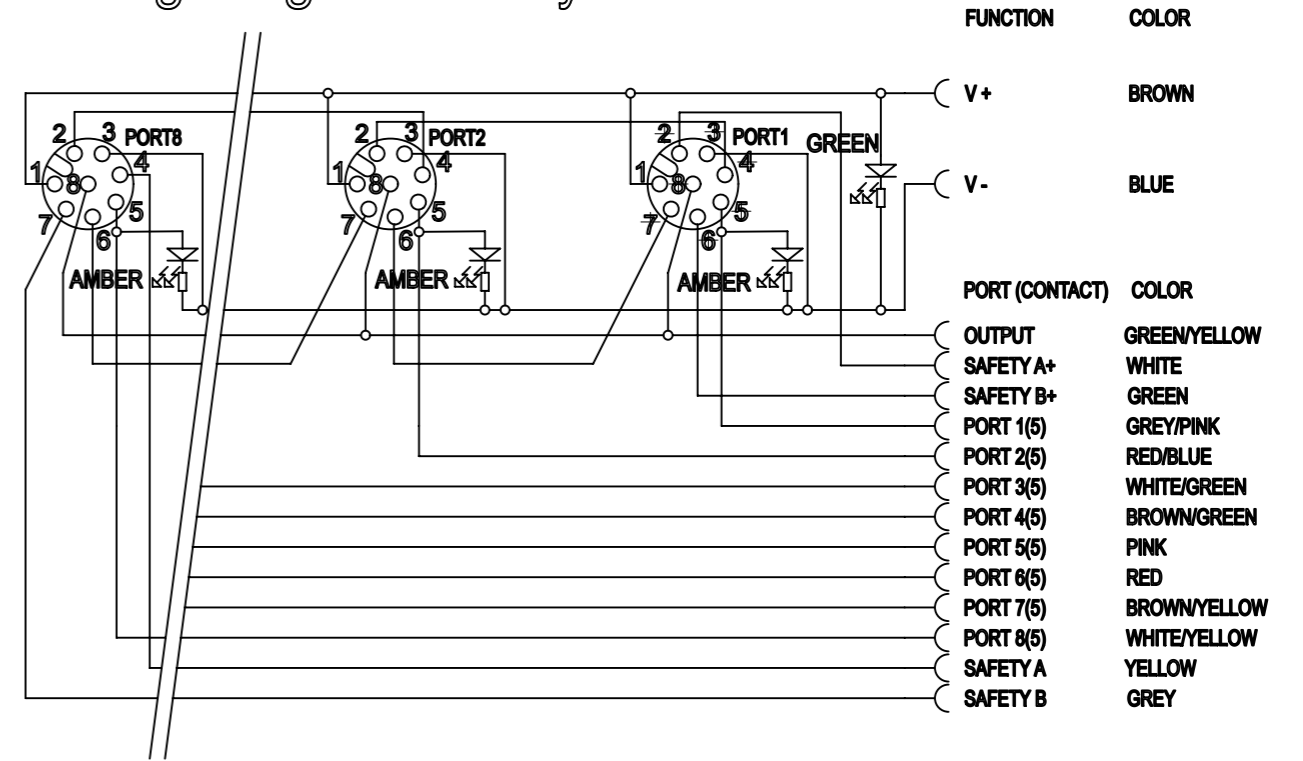
ELECTRICAL AND MECHANICAL DATA ACC. TO IEC 61076-2-101

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 2016/04/26 CHK'D: APPR: CBRUNS 2016/04/26	QUALITY SYMBOLS	GENERAL TOLERANCES (UNLESS SPECIFIED)	DIMENSION UNITS	SCALE				
	▽ = 0 ∇ = 0 ∇ = 0 ▼ = 0 ∇ = 0 ⊠ = 0 ■ = 0 ▽ = 0	ANGULAR TOL ± ° 4 PLACES ± 3 PLACES ± 2 PLACES ± 1 PLACE ± 0 PLACES ± 0.25	MM	1:1				
	DRWN BY	DATE	ULETTENMEIER	2015/05/06				
	CHK'D BY	DATE						
	APPR BY	DATE	RSILLER	2015/12/23	PRODUCT CUSTOMER DRAWING			
	DRAWING SIZE	THIRD ANGLE PROJECTION	A3		SERIES	MATERIAL NUMBER	CUSTOMER	
					120248	SEE TABLE 1	GENERAL MARKET	
					DOCUMENT NUMBER	DOC TYPE	DOC PART	SHEET NUMBER
					1202480510	PSD	000	1 OF 2

Wiring Diagram Safety Wired



QUALITY SYMBOLS ▽ = 0 ▽ = 0 ▽ = 0 ▼ = 0 ▽ = 0 ☒ = 0 ■ = 0 ▽ = 0	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: APPR: CBRUNS	2016/04/26	2016/04/26	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION UNITS	SCALE				
				ANGULAR TOL ± °		MM					
		4 PLACES	±			DRWN BY	DATE	MPIS M12 SAFETY STA PNP NPN NOS 8P 8PT AC FE STA RD XM SINGLE			
		3 PLACES	±			ULETTENMEIER	2015/05/06				
		2 PLACES	±			CHK'D BY	DATE				
	1 PLACE	±			APPR BY	DATE	PRODUCT CUSTOMER DRAWING				
	0 PLACES	± 0.25			RSILLER	2015/12/23					
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS			DRAWING SIZE	THIRD ANGLE PROJECTION	SERIES		MATERIAL NUMBER		CUSTOMER	
				A3		120248			GENERAL MARKET		
					DOCUMENT NUMBER		DOC TYPE	DOC PART	SHEET NUMBER		
					1202480510		PSD	000	2 OF 2		