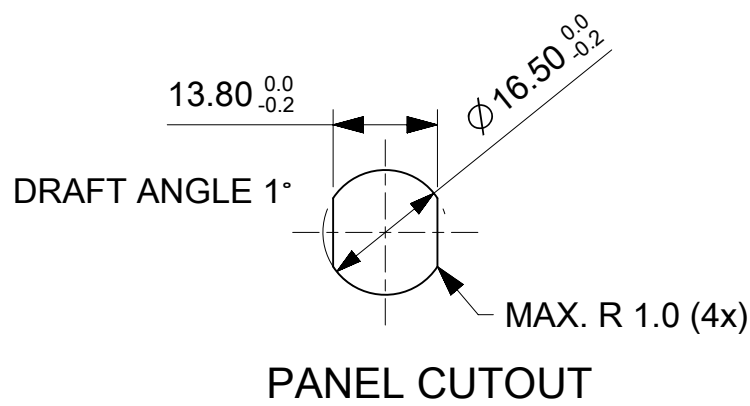
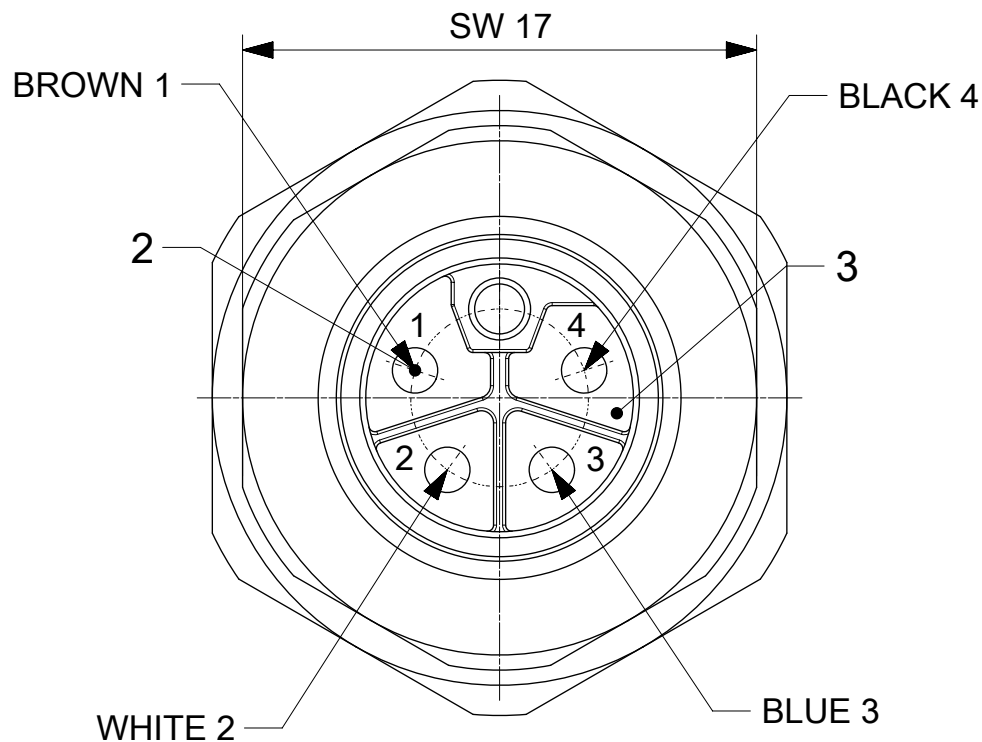




TECHNICAL DATA:

CONTACT $\varnothing$: 1.5mm
RATED VOLTAGE: 63V AC/DC
RATED CURRENT: SEE TAB.1 AND TAB.2
OVERVOLTAGE CATEGORIE: 3
POLLUTION DEGREE: 3
DIELECTRIC STRENGTH: 1500V
CONTACT RESITANCE: $\leq 5m\Omega$
INSULATION RESISTANCE: MIN: $10^8 \Omega$

IP RATING: IP67 (connected condition)
TEMPERATURE RANGE: -25°C TO +85°C

PACKAGING:
THE RECEPTACLE ARE PACKED IN PLASTIC BAGS
AND DELIVERED IN CARTON BOXES

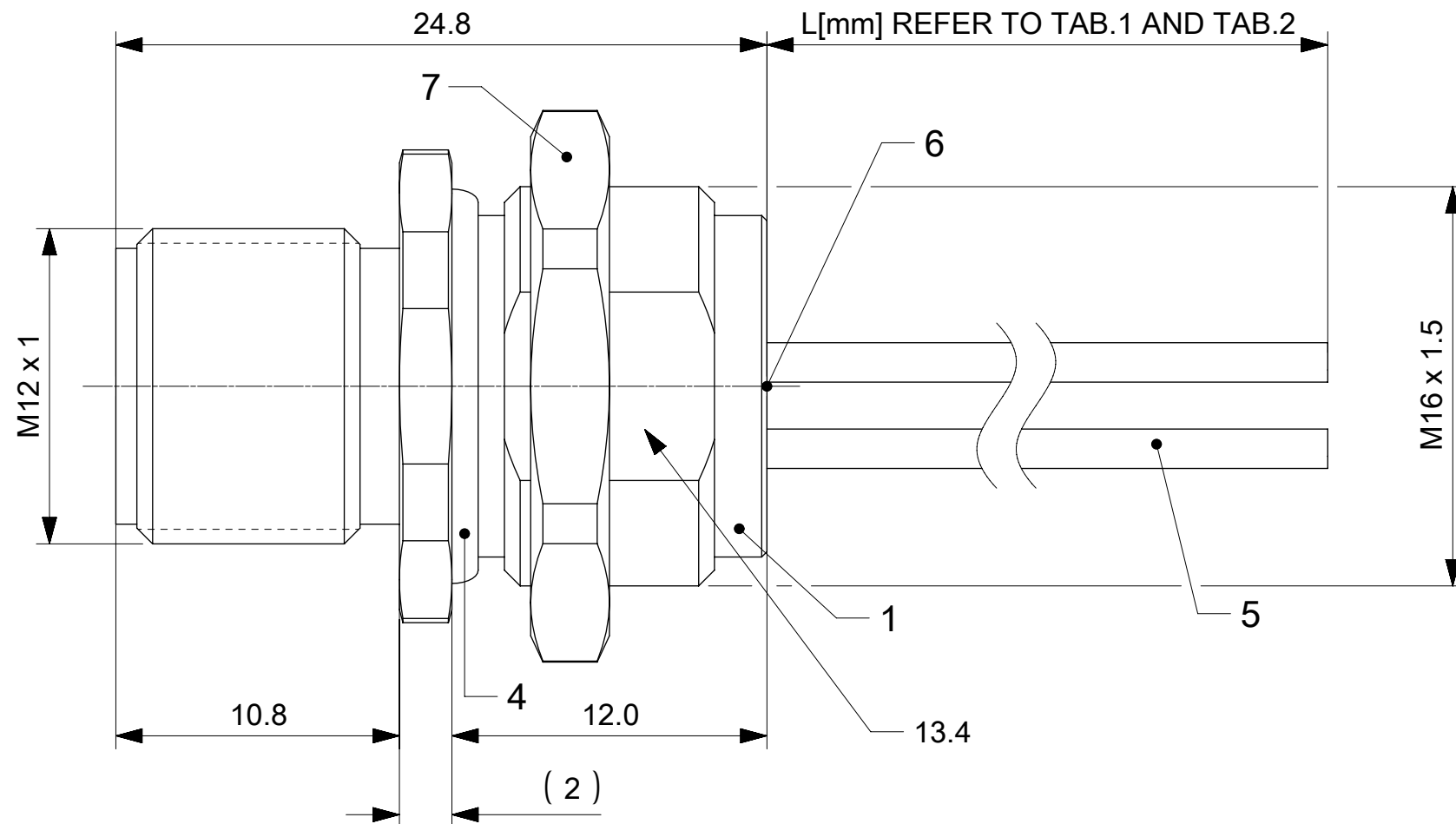


TABLE 1: CABLE LENGTH

NOMINAL SECTION 1,5mm²

MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020026	LRP4U26L15M005	REC M12 4P LC MA M16 FM 0.5M WIR 1.5	500	+40	12
1205020027	LRP4U26L15M002	REC M12 4P LC MA M16 FM 0.2M WIR 1.5	200	+40	12
1205020046	LRP4U26L15M010	REC M12 4P LC MA M16 FM 1.0M WIR 1.5	1000	+40	12
1205020047	LRP4U26L15M020	REC M12 4P LC MA M16 FM 2.0M WIR 1.5	2000	+60	12

TABLE 2: CABLE LENGTH

NOMINAL SECTION 2,5mm²

MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]
1205020030	LRP4U26L25M005	REC M12 4P LC MA M16 FM 0.5M WIR 2.5	500	+40	16
1205020031	LRP4U26L25M002	REC M12 4P LC MA M16 FM 0.2M WIR 2.5	200	+40	16
1205020050	LRP4U26L25M010	REC M12 4P LC MA M16 FM 1.0M WIR 2.5	1000	+40	16
1205020051	LRP4U26L25M020	REC M12 4P LC MA M16 FM 2.0M WIR 2.5	2000	+60	16

TABLE 3: BOM

POS	DESCRIPTION	MATERIAL	FINISH
1	SHELL M16MA	BRASS	Ni
2	CONTACT 15 MA	BRASS	Au
3	INSERT	PA	BLACK
4	O-RING	NBR	BLACK
5	WIRE 16AWG / 14AWG	PVC	-
6	POTTING MATERIAL	RESIN	NATURAL
7	HEX NUT	BRASS	Ni

FUNCTIONAL SYMBOLS	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX ELECTRONIC TECHNOLOGIES, LLC AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION												
	DIMENSION UNITS		SCALE		CURRENT REV DESC:			molex					
	mm		4:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 1.0 °												
	4 PLACES		±		EC NO: 735108 DRWN: NFRITZEN 2022/05/04 CHK'D: RSILLER 2023/01/17 APPR: RSILLER 2023/01/17			REC M12 4P LC MA M16 FM XM WIR					
	3 PLACES		±										
	2 PLACES		± 0.05		INITIAL REVISION: DRWN: NFRITZEN 2022/07/08 APPR: RSILLER 2022/05/04			PRODUCT CUSTOMER DRAWING					
	1 PLACE		± 0.1										
	0 PLACES		± 0.5										
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING		SERIES		DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION
					A3-SIZE		120502		1205020026		PSD	000	A1
								MATERIAL NUMBER		CUSTOMER		SHEET NUMBER	
								SEE TABLE		GENERAL MARKET		1 OF 1	