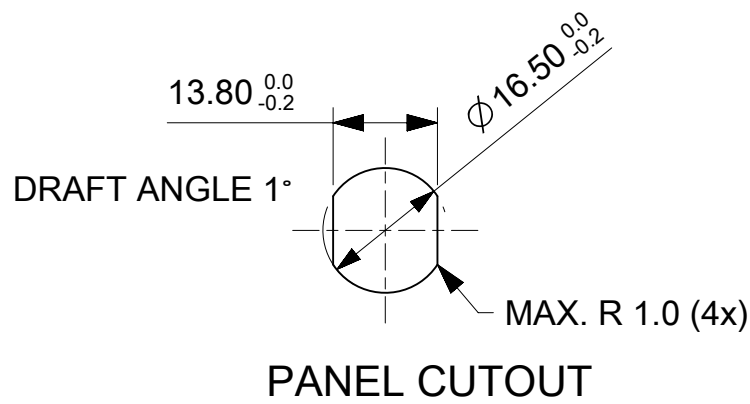
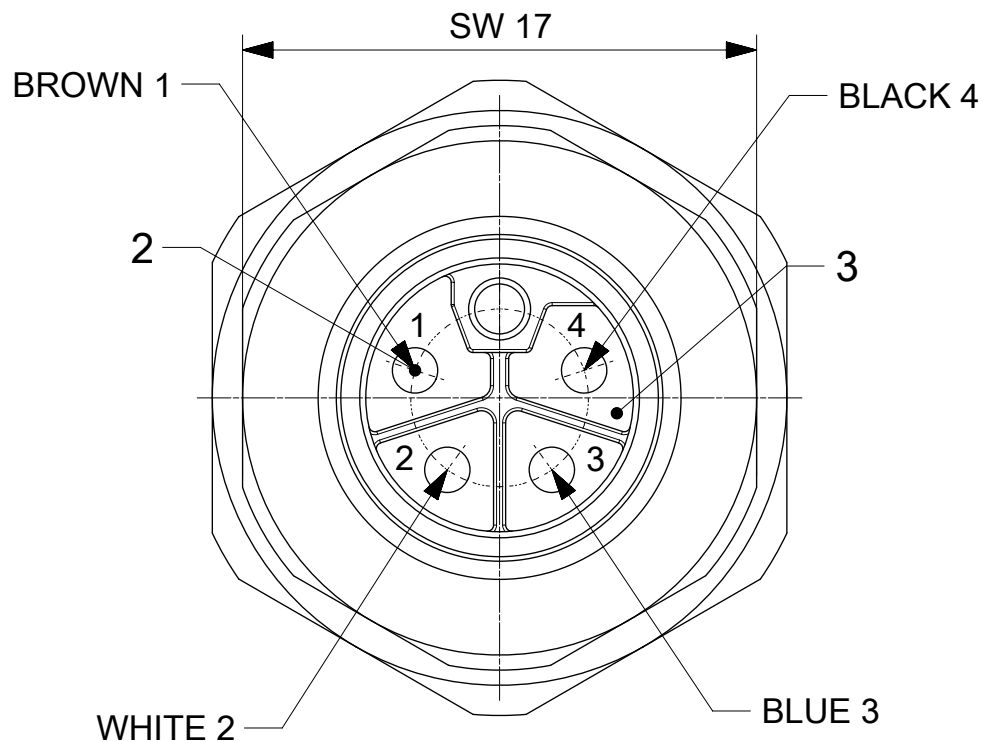




TECHNICAL DATA:

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

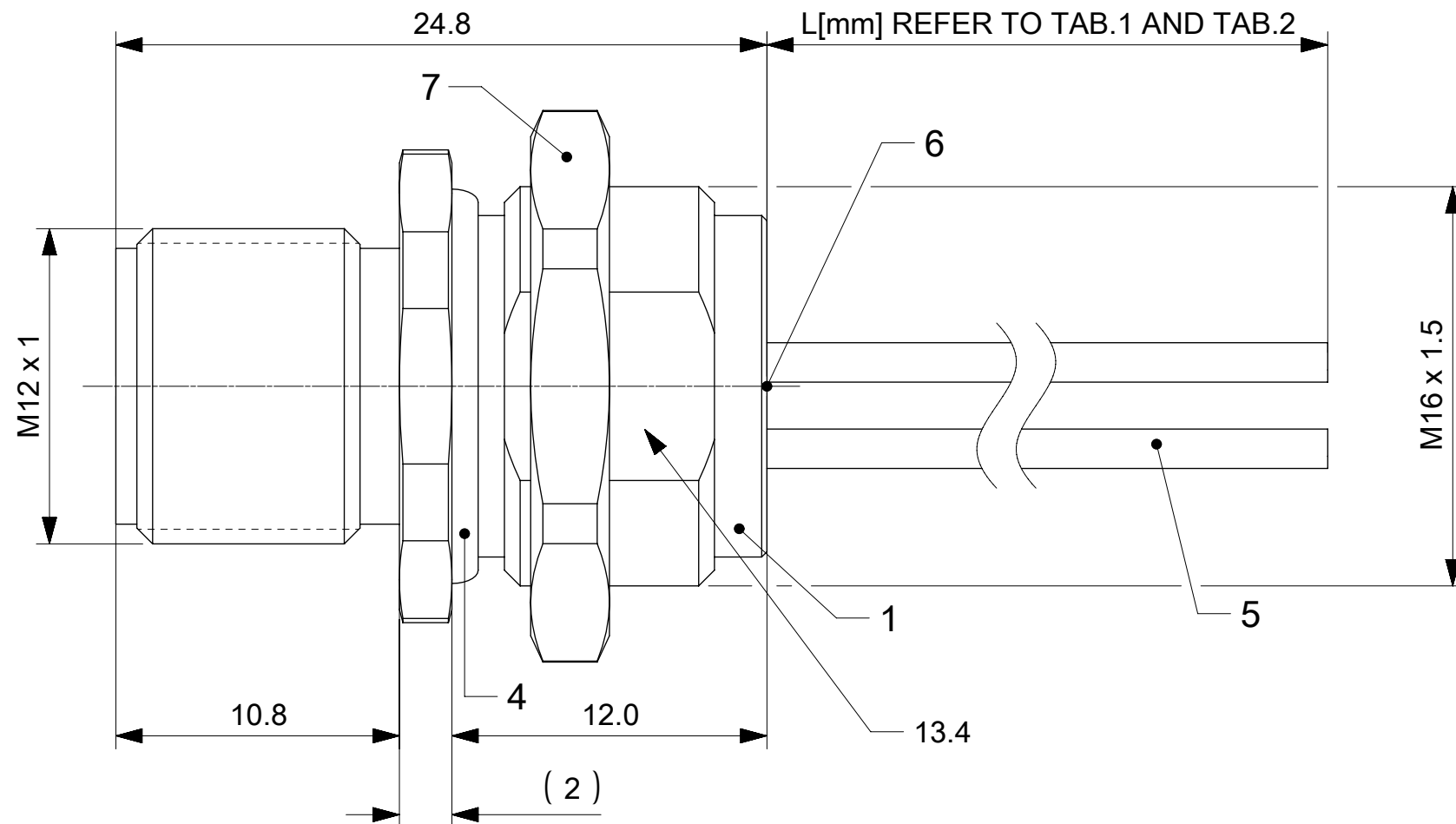
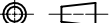


TABLE 1: CABLE LENGTH						
NOMINAL SECTION 1,5mm²						
MATERIAL NO.	ENG. NO.	Description	L [mm]	TOL. [mm]	RATED CUR. [A]	
1205020026	LRP4U26L15M005	REC M12 4P LC MA M16 FM 0.5M WIR 1.5	500	+40	12	
1205020027	LRP4U26L15M002	REC M12 4P LC MA M16 FM 0.2M WIR 1.5	200	+40	12	
1205020046	LRP4U26L15M010	REC 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													
	$\sqrt{A} = 0$		GENERAL TOLERANCES (UNLESS SPECIFIED)				REC M12 4P LC MA M16 FM XM WIR									
	$\sqrt{E} = 0$															
	$\sqrt{E} = 0$		ANGULAR TOL ± 1.0°				PRODUCT: CUSTOMER DRAWING									
	4 PLACES										±					
	3 PLACES		±		INITIAL REVISION:				DOCUMENT NUMBER		DOC TYPE		DOC PART		REVISION	
	2 PLACES		± 0.05													
	1 PLACE		± 0.1		DRWN: NFRITZEN 2021/07/08		1205020026		PSD		000		A1			
0 PLACES		± 0.5		APPR: RSILLER 2022/05/04												
DIVISIONAL SYMBOLS	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS					THIRD ANGLE PROJECTION		DRAWING		SERIES		MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
							A3-SIZE		120502		SEE TABLE		GENERAL MARKET		1 OF 1	