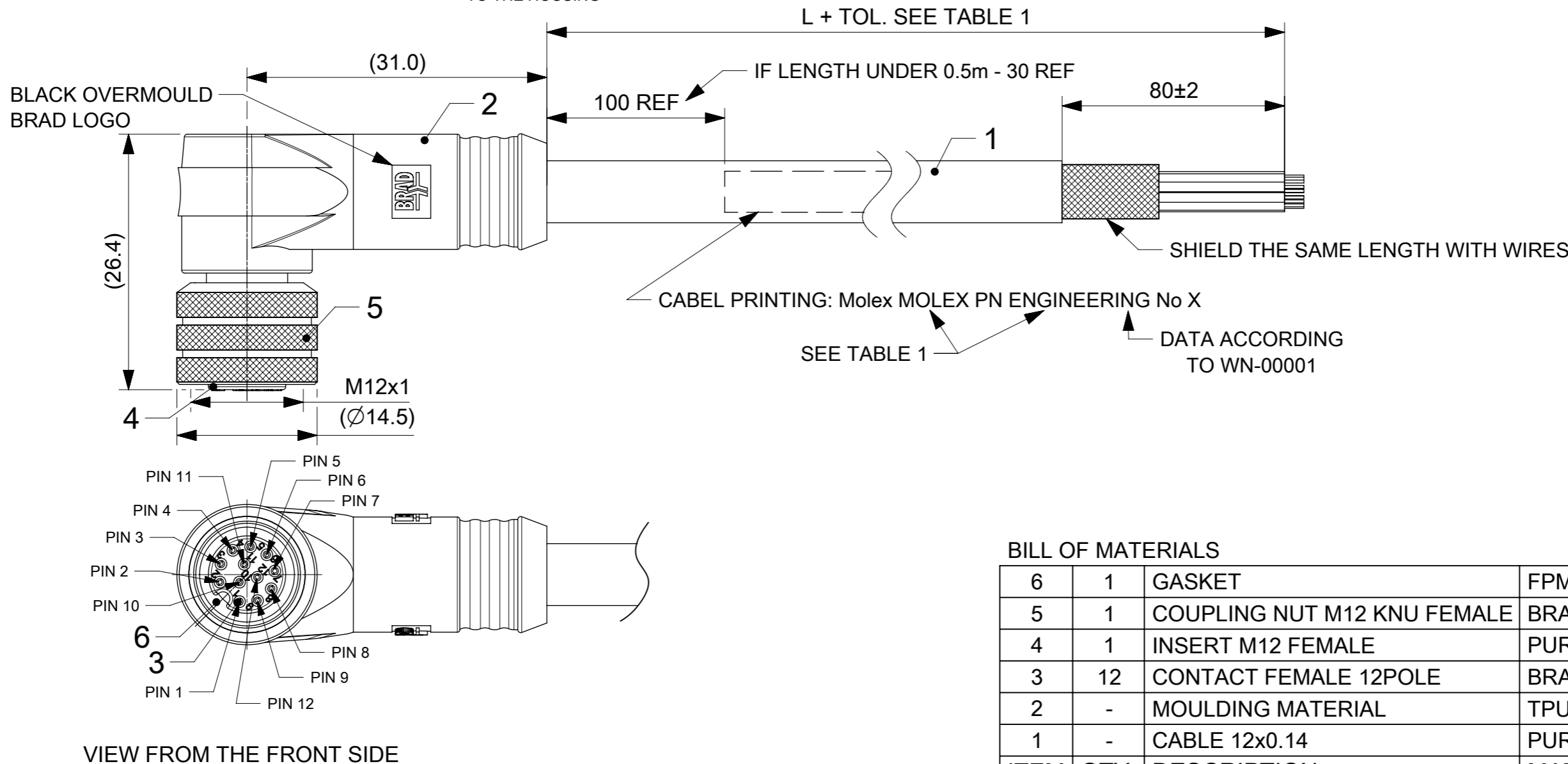


CABLE SPECIFICATION

CONDUCTOR:
 MATERIAL: BARE COPPER
 SECTION: 26/0.14 [AWG/mm²]
 INSULATION:
 COMPOUND: PP
 DIAMETER: 1.00 ±0.05
 JACKET:
 COMPOUND: PUR
 COLOR: BLACK
 DIAMETER: 6.4 ±0.20mm
 TEMPERATURE RANGE:
 STATIC: -40°C TO +80°C
 DYNAMIC: -25°C TO +80°C
 VOLTAGE RATING: 300V

WIRING DIAGRAM

1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GREY
6	PINK
7	BLUE
8	RED
9	BLACK
10	VIOLET
11	GREY-PINK
12	RED-BLUE
SHIELD CONNECTED TO THE HOUSING	



BILL OF MATERIALS

ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH
6	1	GASKET	FPM	RED
5	1	COUPLING NUT M12 KNU FEMALE	BRASS	Ni2+1
4	1	INSERT M12 FEMALE	PUR	BLACK
3	12	CONTACT FEMALE 12POLE	BRASS	Cu/Ni3bAuCo0.6
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 12x0.14	PUR	BLACK

TABLE 1

MOLEX PN	ENGINEERING No.	L + TOL. [mm]
1200699082	80CS01P45M010	1000 +20 -10
1200695565	80CS01P45M020	2000 ±25
1200695588	80CS01P45M030	3000 ±25
1200699553	80CS01P45M050	5000 ±25

A1

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SYMBOLS	DIMENSION UNITS	SCALE	CURRENT REV DESC:	
▽ = 0	mm	2:1	molex	
▽ = 0	GENERAL TOLERANCES (UNLESS SPECIFIED)		M12-12P-FE-90-SHD-SE-PUR-XM	
▽ = 0	ANGULAR TOL	± °	PRODUCT CUSTOMER DRAWING	
▽ = 0	4 PLACES	±	DOCUMENT NUMBER	
▽ = 0	3 PLACES	±	1200695565	
▽ = 0	2 PLACES	±	DOC TYPE	
▽ = 0	1 PLACE	±	PSD	
▽ = 0	0 PLACES	±	DOC PART	
□ = 0	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		REVISION	
▽ = 0	THIRD ANGLE PROJECTION	DRAWING	A1	
	SERIES	MATERIAL NUMBER	CUSTOMER	SHEET NUMBER
	A3-SIZE	120069	GENERAL MARKET	1 OF 1