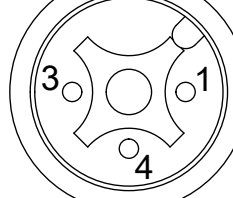
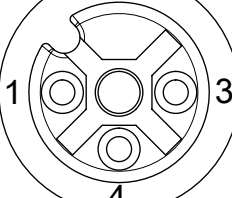


CONTACT POSITION FRONT VIEW
FEMALE MALE

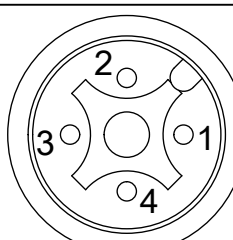
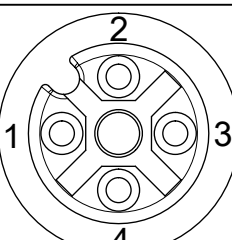
3 POLE



PIN	WIRE
1	BROWN
3	BLUE
4	BLACK

PIN	WIRE
1	BROWN
3	BLUE
4	BLACK

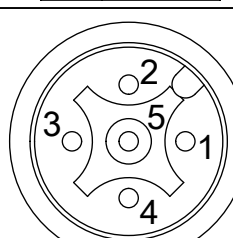
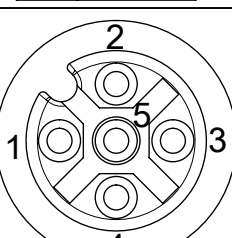
4 POLE



PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK

PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK

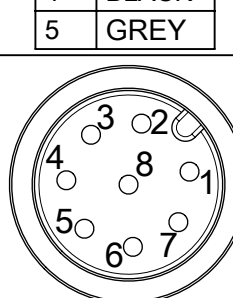
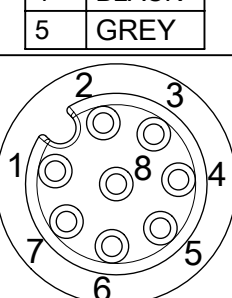
5 POLE



PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

PIN	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GREY

8 POLE



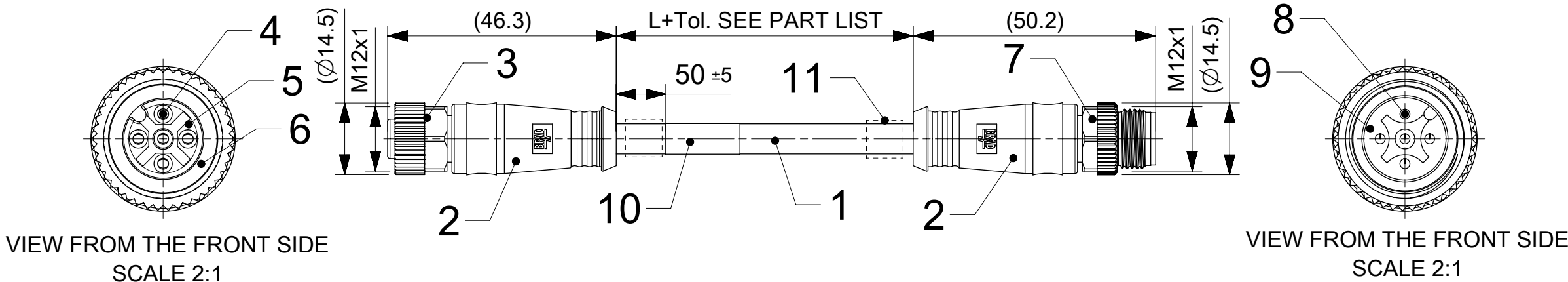
PIN	WIRE
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED

PIN	WIRE
1	WHITE
2	BROWN
3	GREEN
4	YELLOW
5	GRAY
6	PINK
7	BLUE
8	RED

SHIELD CONNECTED TO THE COUPLING NUT FROM BOTH SIDE				
DOCUMENT STATUS	P1	RELEASE DATE	2023/12/22	02:51:05

ENGINEERING No -NUMERICAL CODE
(Available parts see PART LIST table. Other parts available upon request.)

8	8	X	S	3	0	B	S	X	M	X	X	X	H
88 = M12x1 DOUBLE ENDED		POLES: 3 = 3 POLES 4 = 4 POLES 5 = 5 POLES 8 = 8 POLES		HEADER: S30 = FEMALE STRAIGHT - MALE STRAIGHT		CABLE TYPE: BS1= 0.34mm ² TPU, SHLD BK BS2= 0.25mm ² TPU, SHLD BK		UNIT: M = METER		LENGTH: EXAMPLE: 010 = 1 m 050 = 5 m 100 = 10 m		H=2x ID CARRIER COUPLING NUT: BLANK = KNU/HEX 7 = TEFLON KNU OVERMOULD: BLANK = BLACK A = GREY G = BLACK Y = YELLOW	



NOTES:

CONTACT CURRENT RATING:
3-5 POLES 4A
8 POLES 2A

VOLTAGE RATING
3-4 POLES 250V
5 POLES 60V
8 POLES 30V

PROTECTION CLASS IP67

FUNCTIONAL SYMBOLS

	10	9	8	7	6	5	4	3	2	1
PART LIST										
MOLEX PNENGINEERING NoL+Tol. [mm]			MOLEX PNENGINEERING NoL+Tol. [mm]			MOLEX PNENGINEERING NoL+Tol. [mm]			A	
1200698644883S30BS1M0101000 +40			1200699539885S30BS1M005500 +40			1200698659888S30BS2M0101000 +40				
1200698645883S30BS1M0202000 +60			1200698654885S30BS1M0101000 +40			1200698835888S30BS2M0151500 +60				
1200698646883S30BS1M0303000 +60			1200698757885S30BS1M0151500 +60			1200698660888S30BS2M0202000 +60				
1200698647883S30BS1M0505000 +60			1200698655885S30BS1M0202000 +60			1200698836888S30BS2M0252500 +60				
1200698648883S30BS1M10010000 +80			1200698656885S30BS1M0303000 +60			1200698661888S30BS2M0303000 +60				
			1200698758885S30BS1M0404000 +60			1200698837888S30BS2M0404000 +60				
			1200698657885S30BS1M0505000 +60			1200698662888S30BS2M0505000 +60				
			1200698658885S30BS1M10010000 +80			1200698848888S30BS2M0606000 +80				
			1200699482885S30BS1M100H10000 +80			1200699815888S30BS2M0707000 +80				
			1200699061885S30BS1M20020000 +140			1200698663888S30BS2M10010000 +80				
			1200699483885S30BS1M200H20000 +140			1200698998888S30BS2M15015000 +140				
			1200699762885S30BS1M030H3000 +60			1200699394888S30BS2M20020000 +140				
			1200699763885S30BS1M150H15000 +140			1200699600888S30BS2M50050000 +500				
			1200699764885S30BS1M300H30000 +160			1200699754888S30BS2M30030000 +160				
MOLEX PNENGINEERING NoL+Tol. [mm]										
1200698649884S30BS1M0101000 +40										
1200698650884S30BS1M0202000 +60										
1200699353884S30BS1M0252500 +60										
1200698651884S30BS1M0303000 +60										
1200698652884S30BS1M0505000 +60										
1200698653884S30BS1M10010000 +80										
CABLE SPECIFICATION										
CABLE TYPE	WIRE GAUGE	CABLE JACKET	UL	CSA	static	flexing	drag chain tested	shield	other	
BS1 3P,4P,5P	0.34mm ²	TPU black	STYLE 21215	yes	-40°C to +90°C 5xD	-25°C to +80°C 7.5xD	5 mio cycles	braid	WELD SLAG RESISTANCE	
BS2 8P	0.25mm ²									
For Raw Cable Specification see SD-120209-003										
BILL OF MATERIAL										
11	2	ID CARRIER (SEE MATRIX)	PVC	-						
10	1	LABEL YE	VINYL	-						
9	1	INSERT XP MA M12 SH BK	PUR	-						
8	X	CONTACT MA	BRASS	GOLD OVER Ni-PLATED						
7	1	KNU/HEX NUT M12 MA	BRASS	Ni-PLATED						
6	1	GASKET RD	FPM	-						
5	1	INSERT XP FE M12 SH BK	PUR	-						
4	X	CONTACT FE	BRASS	GOLD OVER Ni-PLATED						
3	1	KNU/HEX NUT M12 FE	BRASS	Ni-PLATED						
2	-	OVERMOULD BK	TPU	-						
1	-	CABLE	SEE SHEET 2	-						
ITEM	QTY.	DESCRIPTION	MATERIAL	FINISH						
DOCUMENT STATUS	P1	RELEASE DATE	2023/12/22	02:51:05						
		9	8	7	6	5	4	3	2	1
FORMAT: master-b-prod-A3 REVISION: 11 DATE: 2021/05/01										