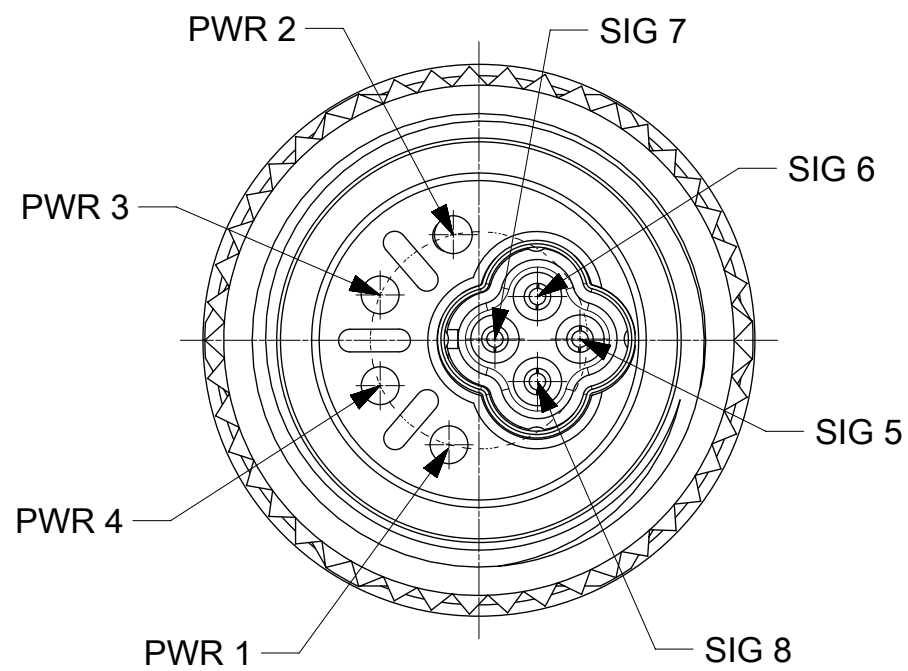
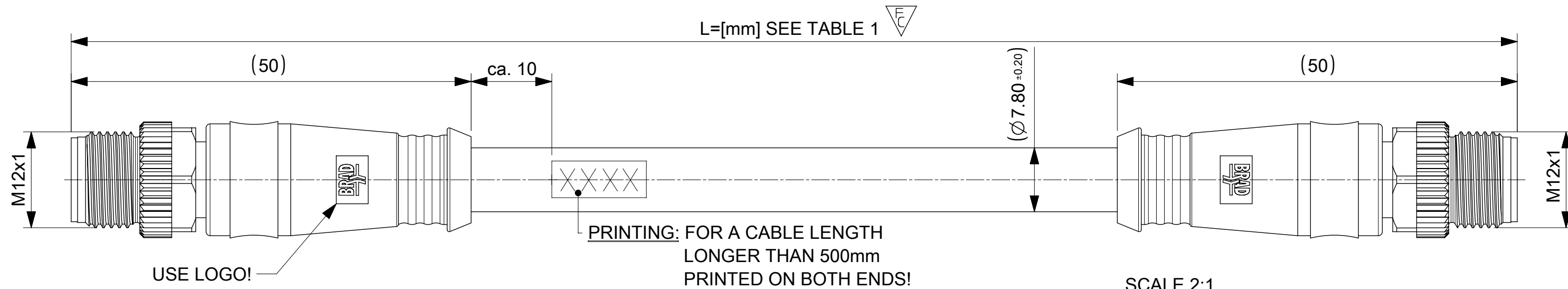




SCALE 5:1



SCALE 2:1

EXAMPLE FOR CABLE PRINTING:

Molex Connectivity GmbH	[15mm]	Material-No. from table 1	[8mm]	Prod.Date	[8mm]	Cable length
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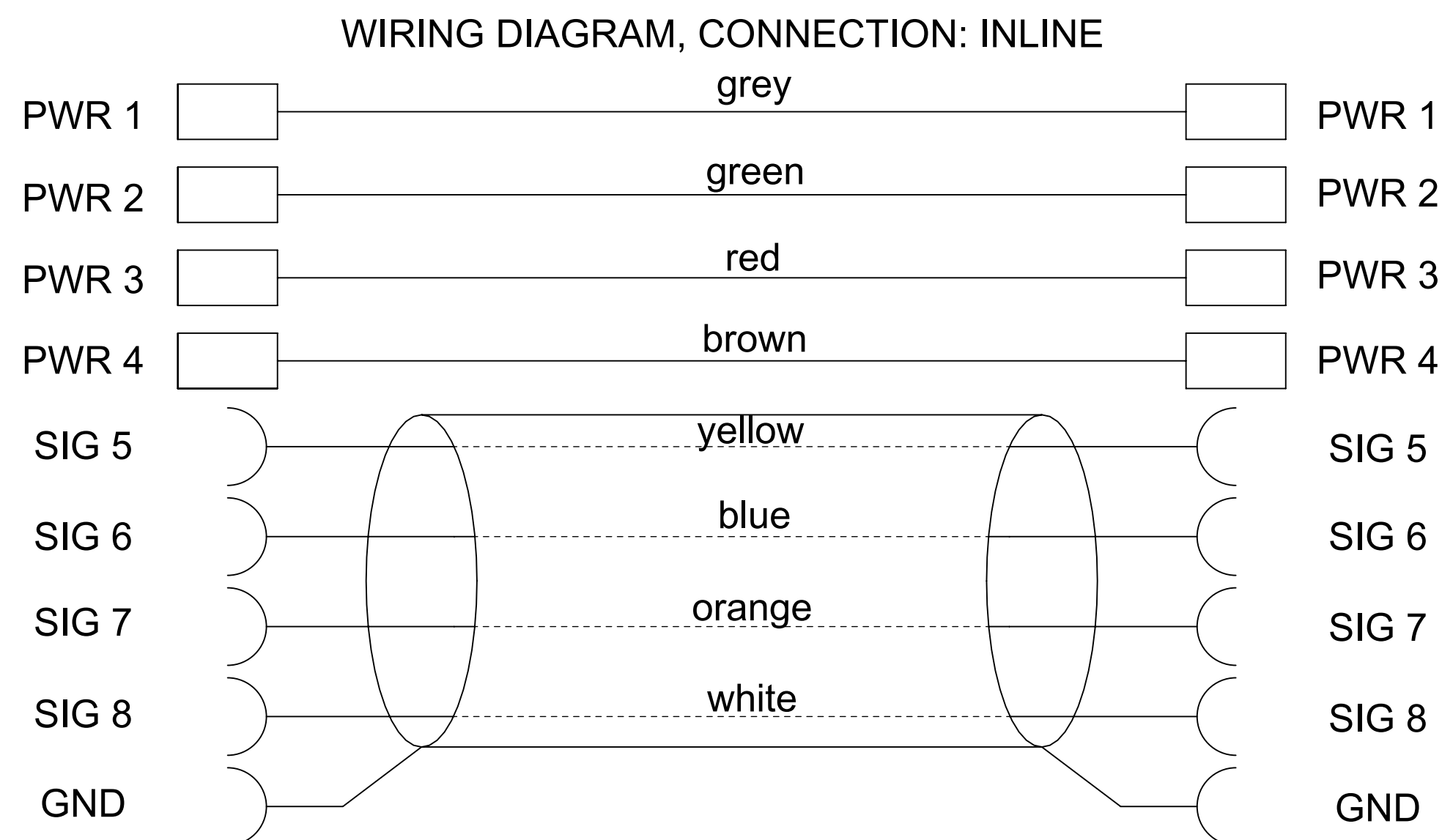


TABLE 1

MOLEX P/N	Description	Length / mm	Tolerance
1202440200	CSE M12 CHT 8P 4+4P MAFE STR PUR 0,25M DE	250	±10
1202440201	CSE M12 CHT 8P 4+4P MAFE STR PUR 0,5M DE	500	±10
1202440202	CSE M12 CHT 8P 4+4P MAFE STR PUR 1M DE	1000	+30/-10
1202440203	CSE M12 CHT 8P 4+4P MAFE STR PUR 1,5M DE	1500	±25
1202440204	CSE M12 CHT 8P 4+4P MAFE STR PUR 2M DE	2000	±25
1202440205	CSE M12 CHT 8P 4+4P MAFE STR PUR 5M DE	5000	±25
1202440206	CSE M12 CHT 8P 4+4P MAFE STR PUR 8M DE	8000	±30
1202440207	CSE M12 CHT 8P 4+4P MAFE STR PUR 10M DE	10000	±30
1202440208	CSE M12 CHT 8P 4+4P MAFE STR PUR 15M DE	15000	±30

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: PACKAGING SPEC ADDED			molex					
	mm		1:1										
	GENERAL TOLERANCES (UNLESS SPECIFIED)												
	ANGULAR TOL ± 1.0 °												
	4 PLACES		±										
	3 PLACES		±					CSE M12 CHT 8P 4+4P MAFE STR PUR XM DE					
2 PLACES		± 0.05											
1 PLACE		± 0.1											
DIVISIONAL SYMBOLS	0 PLACES		±		INITIAL REVISION:			DOCUMENT NUMBER		DOC TYPE	DOC PART	REVISION	
					DRWN: RSCHIEBER 2020/07/15			1202440200		PSD	000	A3	
					APPR: RSILLER 2020/08/24								
	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				THIRD ANGLE PROJECTION		DRAWING	SERIES	MATERIAL NUMBER		CUSTOMER		SHEET NUMBER
							A2-SIZE	120244	SEE TABLE 1		GENERAL MARKET		1 OF 1

DESCRIPTION:

M12 HYBRID CORDSET APPLICATIONS
TRANSMISSION AFTER CAT5e (SIGNAL CONTACTS ONLY)
SPECIAL CODING

ELECTRICAL DATA:

SIGNAL: 4 POLES
MAX. VOLTAGE: 30V
MAX. CURRENT: 1.5A at 55°C
CONTACT RESISTANCE: <5 mOhm
INSULATION WITHSTAND: >100 MOhm
IMPEDANCE: 100 Ohm
HF PERFORMANCE TESTINGS: LIMITS CLASS D/CAT5e,
ACCORDING ISO IEC 11801/TIA-568-C.2 "PERMANENT LINK"

POWER:

MAX. VOLTAGE:	30V
MAX. CURRENT:	6A at 55°C
CONTACT RESISTANCE:	<5 mOhm
INSULATION WITHSTAND:	>100 MOhm

ENVIROMENTAL:

PROTECTION: IP67
TEMPERATURE RANGE: -25°C to 75°C

PACKAGING:

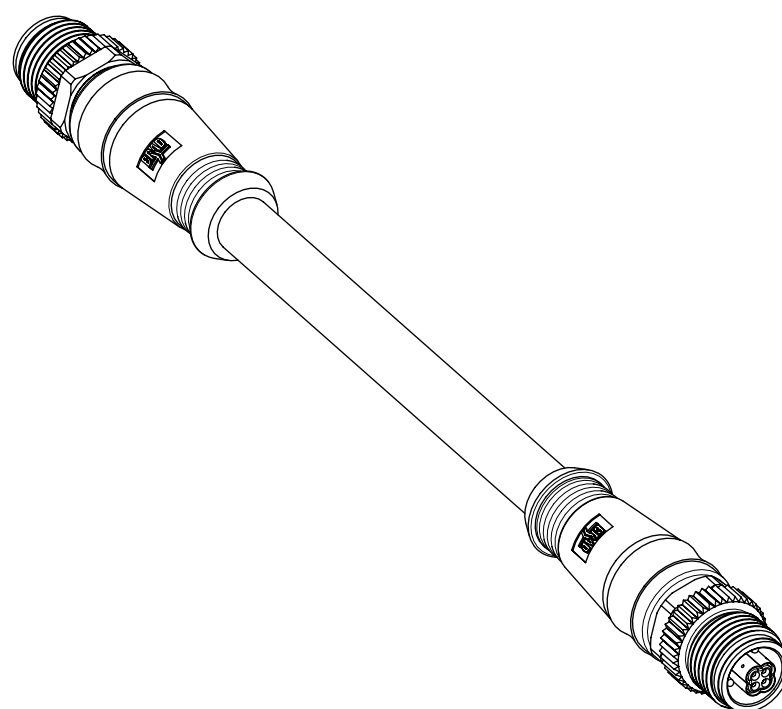
THE CORDSET IS PACKED AND SHIPPED OUT IN A CARDBOARD BOX
PACKAGING ACCORDING TO PACKAGING SPEC. 1201202000

1 - POWER	0V	
2 - POWER	0V	Last
3 - POWER	24V	Last
4 - POWER	24V	
5 - SIGNAL	TX+	
6 - SIGNAL	RX-	
7 - SIGNAL	TX-	
8 - SIGNAL	RX+	
SHIELDING / GND		

CUSTOMER PRODUCT APPROVAL

APPROVED BY: _____

DATE: _____
MUST BE SIGNED AND RETURNED BEFORE
PRODUCTION WILL BEGIN



BILL OF MATERIAL				
Quantity	Descriptions			
2	INSERT M12 MA 8P 0C CSE PUR BK SHLD			
2	INSERT M12 FE 4P 0C CSE NIL BK SHLD			
8	CONTACT 6 FE TUR NI CR WRA 0.14-0.25			
8	CONTACT M12 MA NI2AU0.8 F075			
2	SHELL M12 FE BRASS NI REC M12			
2	SHELL M12 FE BRASS NI REC M12			
2	SHELL M12 MF PP L6,5 CORDSET M12			
2	NUT M12 BRASS NI MA HEX			
1	CABLE 4AWG19+2X2XAWG26 PUR GY D8 UL SH DYN			
2	Overmolding UL M12 straight-9.2mm			
2	Copper tape tinned 10x20mm / PAGE 3 / DETAIL R			
DOCUMENT STATUS		P1	RELEASE DATE	2023/11/30 13:31:13