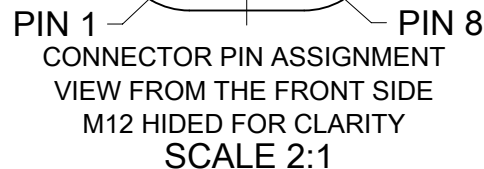
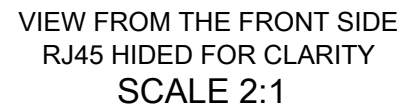


E	1	6	A	0	6	0	1	2	M	X	X	X	X
---	---	---	---	---	---	---	---	---	---	---	---	---	---

WIRING TYPE:
A=4 Pole (STRAIGHT WIRED)



WIRING DIAGRAM

M12		RJ45
1	YELLOW	1
3	ORANGE	2
2	WHITE	3
4	BLUE	6
SHIELD		

SHIELD CONNECTED TO THE HOUSING

M12 D-Coded to RJ45 CAT5e Cordset AWG22
straight green inline 360° shielded.

Transmission characteristics
ACCORDING TO ISO 11801 CATEGORY 5e
PATCH CORD PROFINET TYPE C

Packaging :
The cordsets are packed in a polybag.

* NOTE : ID CARRIER APPLICABLE, IF ENGINEERING No. HAS "H" (SEE TABLE1)

11	2	ID CARRIER	PVC	TRANSPARENT
10	1	LABEL 2.0X1.75	VINYL	YELLOW
9	1	M12 M STR SHLD	BRASS	Ni-PLATED
8	1	NUT M12 MALE	BRASS	Ni-PLATED
7	1	INSERT 4P M12 MALE	PUR	BLACK
6	4	CONTACT 10 MALE	Cu/Ni2	GOLD OVER NICKEL
5	4	CONTACT RJ45	PHOSPHOR BRONZE	SELECTIVE GOLD
4	1	PLUG RJ45 TRANSPARENT	PC	-
3	1	SHIELD	BRASS	TIN
2	-	MOULDING MATERIAL	TPU	BLACK
1	-	CABLE 2x2x22AWG SHIELD	TPU	GREEN
ITEM	QTY	DESCRIPTION	MATERIAL	FINISH/COLOR

CABLE LENGTH TOLERANCES	
LENGTH	TOLERANCE
0m-1m	+40 mm
>1m-5m	+60 mm
>5m-10m	+80 mm
>10m-20m	+140 mm
>20m-30m	+160 mm
>30m	+1% length

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: NEW P/N ADDED			
mm		3:2					
GENERAL TOLERANCES (UNLESS SPECIFIED)							
ANGULAR TOL ± °							
4 PLACES		±					
DIVISIONAL SYMBOLS		3 PLACES		±		EC NO: 731492	
		2 PLACES		±		DRWN: RSCHIEBER 2022/12/08	
		1 PLACE		±		CHK'D: RSILLER 2022/12/09	
		0 PLACES		±		APPR: RSILLER 2022/12/09	
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		THIRD ANGLE PROJECTION		DRAWING	
				A3-SIZE		SERIES	
				120108		MATERIAL NUMBER	
						CUSTOMER	
						SHEET NUMBER	
						SEE TABLE 1	
						GENERAL MARKET	
						1 OF 2	

10	9	8	7	6	5	4	3	2	1
TABLE 1									
MOLEX PN	ENGINEERING NO	L [m]	MOLEX PN	ENGINEERING NO	L [m]	A3			
1201080521	E16A06012M010	1	WITH ID CARRIER						
1201080522	E16A06012M020	2	1201088299	E16A06012M002H	0.2				
1201088654	E16A06012M025	2.5	1201088290	E16A06012M005H	0.5				
1201088331	E16A06012M030	3	1201088272	E16A06012M010H	1				
1201088332	E16A06012M040	4	1201088266	E16A06012M020H	2				
1201088333	E16A06012M050	5	1201088399	E16A06012M030H	3				
1201088334	E16A06012M060	6	1201088813	E16A06012M040H	4				
1201088335	E16A06012M080	8	1201088273	E16A06012M050H	5				
1201088336	E16A06012M090	9	1201089028	E16A06012M060H	6				
1201080524	E16A06012M100	10	1201089032	E16A06012M065H	6.5				
1201088338	E16A06012M120	12	1201089029	E16A06012M070H	7				
1201088339	E16A06012M150	15	1201089157	E16A06012M075H	7.5				
1201088340	E16A06012M200	20	1201088537	E16A06012M080H	8				
1201088341	E16A06012M250	25	1201088274	E16A06012M100H	10				
1201088342	E16A06012M300	30	1201088843	E16A06012M120H	12				
1201088343	E16A06012M350	35	1201088275	E16A06012M150H	15				
1201088344	E16A06012M400	40	1201088276	E16A06012M200H	20				
1201088345	E16A06012M450	45	1201088277	E16A06012M250H	25				
1201088346	E16A06012M500	50	1201088278	E16A06012M300H	30				
1201088347	E16A06012M550	55	1201088838	E16A06012M350H	35				
1201088348	E16A06012M600	60	1201089158	E16A06012M380H	38				
1201088349	E16A06012M650	65	1201088292	E16A06012M400H	40				
1201088350	E16A06012M700	70	1201088938	E16A06012M450H	45				
1201088351	E16A06012M750	75	1201088279	E16A06012M500H	50				
1201088352	E16A06012M800	80	1201089031	E16A06012M550H	55				
1201089011	E16A06012M850	85	1201088400	E16A06012M600H	60				
			1201088286	E16A06012M700H	70				
			1201088949	E16A06012M750H	75				
			1201089033	E16A06012M800H	80				
			1201089034	E16A06012M850H	85				
			1201088291	E16A06012M900H	90				
			1201088401	E16A06012T100H	100				