
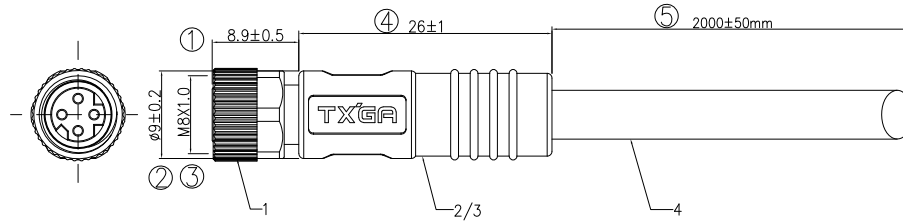
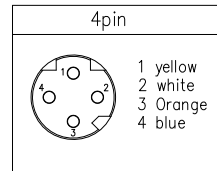


1	2	3	4	5	6	7	8			
Pin No. Coded	4PIN				REV	LOCATIONS	DESCRIPTION	DATE	REVISER	APPD
D-Coded					0		New Release	27/Nov		FRANK

Note:
 1. $\text{\textcircled{X}}$ Important Dimension
 2. Waterproof Rate: IP68
 3. This product must meet IEC61076-2-114
 4. This product must meet 2011/65/EU ROHS compliance.
 5. Not note tolerances: ± 0.20



WIRING CHART(FEMALE Front View)



Ordering Information


$\frac{FC}{1}$ $\frac{D}{2}$ $\frac{M}{3}$ $\frac{04}{4}$ $\frac{XXX}{5}$ $\frac{0}{6}$ $\frac{XX}{7}$

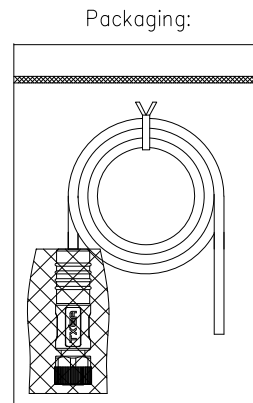
1 Series Name FCD0M8-FM8 - 2 Category S-socket 3 Coded D-D CODED 4 Circuits 04-4Circuits 5 Length XXX(See Table1)

6 Shield 0-Without Shield - 7 Serial code 00-Standard Parts

TABLE 1

CABLE LENGTH (XXX)	005	010	015	020	025	030	035	040	045	100
L(M)	0.5M	1M	1.5M	2.0M	2.5M	3.0M	3.5M	4.0M	4.5M	10M

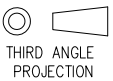

Pin Assignments Front View	Rated Voltage	Rated impulse Voltage	Rated Currnt(40°C)	Insulation resistance
	63V	1500V	4A	$\geq 100M\Omega$



Connector locking system	Screw
Wiring type	Crimp
Degree of protection	IP68(in mated condition)
Mechanical operation	> 100 mating cycles
Upper temperature	105°C
Lower temperature	-40°C
Pollution degree	3
Overvoltage categorie	II
Material group	I
Material of contact	CuZn (Messing/brass)
Contact plating	Au
Material of contact body	PA
Sealing	NBR
Material of housing	Brass nickel plated

* Note: All Materials Meet The "RoHs" !

4	Profinet/Ethernet CAT5e	20549*4*22AWG	green
3	overmold	PVC 30P	black
2	innermold	PVC 30P	black
1	connector	M8X1.0 female	1PC
NO.	SPECIFICATION	DESCRIPTION	NOTE

 THIRD ANGLE PROJECTION DESIGN UNITS Metric SCALE 2:1 SIZE A4	GENERAL TOLERANCES (UNLESS SPECIFIED)		APPROVE BY FRANK	DATE 27/Nov/23	PART NO. FCD0M8-SD04XXX0-00	ITEM NO. FCD0M8	 Building Technology Cornerstone REV 0 SHEET NO. 1/1
	X.±.012(0.30)	X.±5°	CHECKED BY CHERRY	DATE 27/Nov/23	TITLE M8X1.0 D Coded CABLE STRAIGHT SINGLE END FEMALE SIDE UNSHIELDED		
	X.X±.008(0.20)	.X'±2°	DRAWN BY DANIEL	DATE 27/Nov/23	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO TXGA INDUSTRIAL ELECTRONICS(S,Z)CO.,LTD AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION		
	X.XX±.006(0.15)	.XX±1°					
	X.XXX±.004(0.10)	.XXX±0.5°					