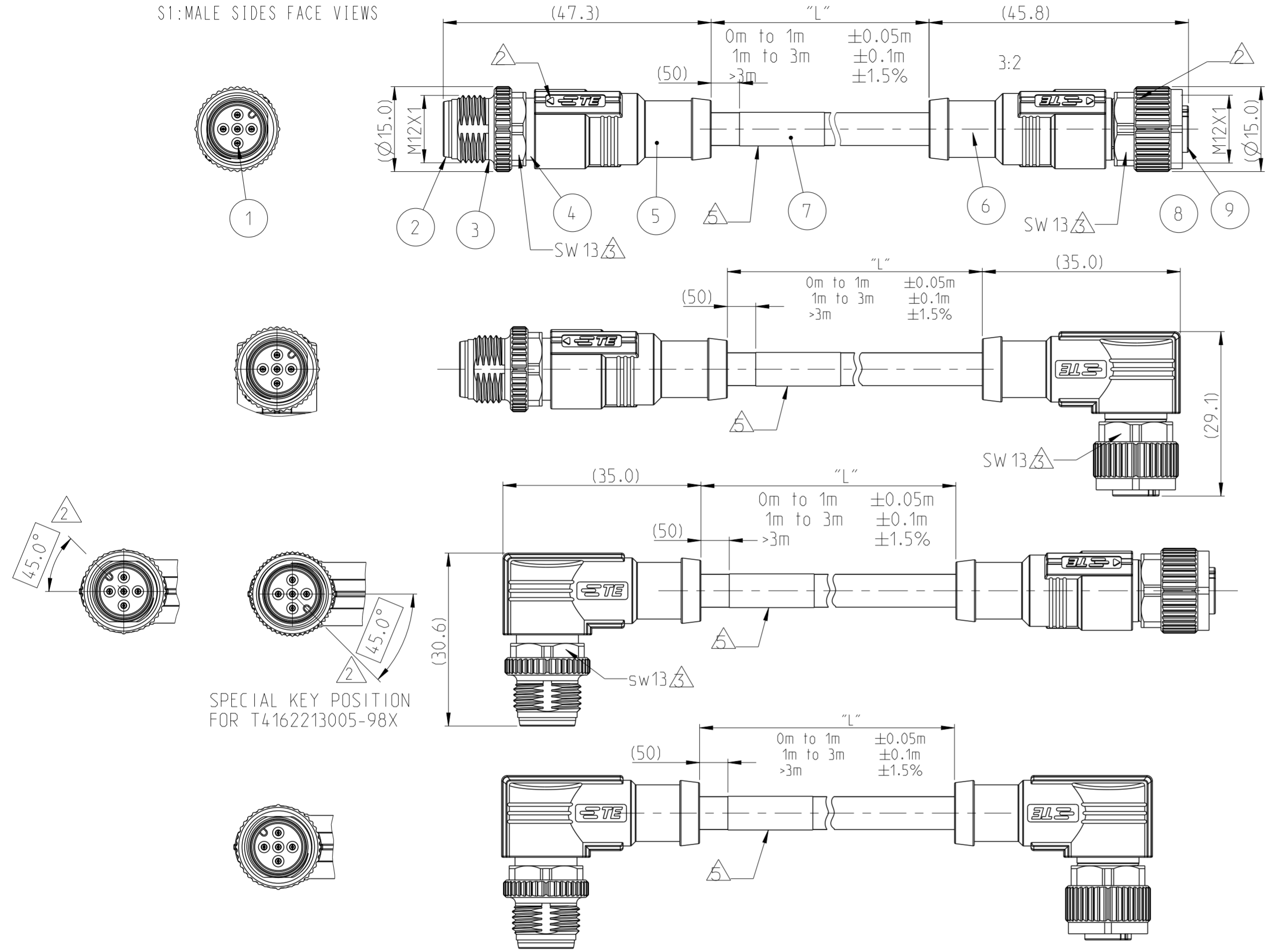


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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
A		INITIAL RELEASE	25 JUL 2018	G.W C.W
A1		ECR-19-007526	14 MAY 2019	RG CW
B		ECR-22-134837	12 FEB 2023	BP CW

S1: MALE SIDES FACE VIEWS

S2: FEMALE SIDES FACE VIEWS



SPECIAL KEY POSITION FOR T4162213005-98X

ITEM	DESCRIPTION	MATERIAL	OTHERS
1	MALE CONTACT	BRONZE	GOLD PLATED
2	MALE HOUSING	NYLON	BLACK
3	MALE NUT	ZAMACK	NICKEL PLATED
4	SHIELDED SHELL	BRASS	NICKEL PLATED
5	OVER-MOLDING	POLYURETHANE	BLUE
6	CABLE	-	-
7	LABEL	-	-
8	FEMALE NUT	ZAMACK	NICKEL PLATED
9	FEMALE HOUSING	NYLON	BLACK
10	FEMALE CONTACT	BRONZE	GOLD PLATED

MALE FACE VIEW			
2-POLES	3-POLES	4-POLES	5-POLES
WIRING DIAGRAM			
1-BROWN 3-BLUE	1-BROWN 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK 5-GRAY

FEMALE FACE VIEW			
2-POLES	3-POLES	4-POLES	5-POLES
WIRING DIAGRAM			
1-BROWN 3-BLUE	1-BROWN 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK	1-BROWN 2-WHITE 3-BLUE 4-BLACK 5-GRAY

TECHNICAL DATA	T4162XX002-00X	T4162XX003-00X	T4162XX004-00X	T4162XX005-XXX
	RATED VOLTAGE	250V		60V
RATED CURRENT	4A			
POLLUTION DEGREE	3			
OVERVOLTAGE CATEGORY	II			
MATERIAL GROUP	II			
DEGREE OF PROTECTION	IP67			

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DWN GAVIN WANG 25 JUL 2018
 CHK KEVIN HUANG 25 JUL 2018
 APVD CHRIS WANG 25 JUL 2018

TE Connectivity

NAME M12X1 MALE TO FEMALE,XP A-CODE,SHIELDED

PRODUCT SPEC 108-106140
 APPLICATION SPEC 114-137144

SIZE A2 CAGE CODE - DRAWING NO. C-T4162XXX0XX00X RESTRICTED TO -

MATERIAL TBD TOLERANCES UNLESS OTHERWISE SPECIFIED: DIMENSIONS: mm

0 PLC ±
 1 PLC ±
 2 PLC ±
 3 PLC ±
 4 PLC ±
 ANGLES ±
 FINISH -

WEIGHT -
 CUSTOMER DRAWING SCALE 2:1 SHEET 1 OF 2 REV B

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REVISIONS				
P	LTR	DESCRIPTION	DATE	APVD
		SEE SHEET 1		

TE PN CODING:

T 4 1 6 2 X X X 0 X X - 0 0 X

THREAD M12X1
DOUBLE ENDED
SHIELDED

S1 TYPE:
1-MALE STRAIGHT
2-MALE 90°
3-FEMALE STRAIGHT
4-FEMALE 90°

S2 TYPE:
1-MALE STRAIGHT
2-MALE 90°
3-FEMALE STRAIGHT
4-FEMALE 90°

POLES:
02-INSERT 2 POS
03-INSERT 3 POS
04-INSERT 4 POS
05-INSERT 5 POS

CABLE TYPE
1-0.34mm²,PVC BLACK
2-0.34mm²,PUR GRAY

LENGTH:
STANDARD:
-001:0.5 M
-002:1.0 M
-003:1.5 M
-004:3.0 M
-005:5.0 M
-006:7.0 M
-007:10.0 M
CUSTOMIZATION:
-XX0:XX.0 M
-XX5:XX.5 M
-99X: 0.X M
-98X:WITH SPECIAL KEY POSITION
981:0.5M,
982:1.0M...

TE TYPE CODING:

RPC-M12-XXX-**SH-M12-XXX-PXX

RPC SERIES

S1 CONNECTOR TYPE:
M12X1 A-CODE
CONNECTOR

CABLE LENGTH:
0.5:0.5M,
1.0:1.0M,
1.5:1.5M,
3.0:3.0M,
5.0:5.0M,
7.0:7.0M,
10.0:10.0M,
...

S2 TYPE:
2FS-2CON,FEMALE STRAIGHT
3FS-3CON,FEMALE STRAIGHT
4FS-4CON,FEMALE STRAIGHT
5FS-5CON,FEMALE STRAIGHT
2FR-2CON,FEMALE 90°
3FR-3CON,FEMALE 90°
4FR-4CON,FEMALE 90°
5FR-5CON,FEMALE 90°

S2 CONNECTOR TYPE:
M12X1 A-CODE
CONNECTOR

CABLE TYPE
PVC-0.34mm²,PVC BLACK
PUR-0.34mm²,PUR GRAY

S1 TYPE:
2MS-2CON,MALE STRAIGHT
3MS-3CON,MALE STRAIGHT
4MS-4CON,MALE STRAIGHT
5MS-5CON,MALE STRAIGHT
2MR-2CON,MALE 90°
3MR-3CON,MALE 90°
4MR-4CON,MALE 90°
5MR-5CON,MALE 90°
5MRS-5CON,MALE 90°,WITH SPECIAL KEY POSITION

NOTE:

- △. TECHNICAL DATA: SEE TABLE 1
- △. CODE POSITION INDICATOR
- △. RECOMMENDED TORQUE 0.6 Nm
- 4. CABLE ASSEMBLY TO BE PACKAGED IN POLYBAGS
- △. LABEL CONTAINS: PN, DATE CODE...
- △. CABLE LENGTH CODE:
STANDARD LENGTH:001...007
CUSTOMIZATION LENGTH: >1.0M;XX0 OR XX5
EXAMPLE:3.5M:035;15.0M:150...

注释:
△. 技术参数;参考表1
△. CODE位置指示
△. 推荐扭矩0.6 Nm
4. 线缆组件塑料袋包装
△. 标签包含: 产品编号, 日期代码...
△. 线缆长度编码:
标准长度:001...007
定制长度:>1.0M;XX0 或 XX5
例如:3.5M:035;15.0M:150...
<1.0M;99X
例如:0.4M:994;...0.9M:999

FIXED: -40°C~80°C FLXIBLE: -25°C~80°C	GRAY	PUR (UL)	RPC-M12-5MR-**SH-M12-5FR-PUR	5	T4162224005-00X
			RPC-M12-4MR-**SH-M12-4FR-PUR	4	T4162224004-00X
			RPC-M12-3MR-**SH-M12-3FR-PUR	3	T4162224003-00X
			RPC-M12-2MR-**SH-M12-2FR-PUR	2	T4162224002-00X
FIXED: -10°C~80°C FLXIBLE: -5°C~80°C	BLACK	PVC (UL)	RPC-M12-5MR-**SH-M12-5FR-PVC	5	T4162214005-00X
			RPC-M12-4MR-**SH-M12-4FR-PVC	4	T4162214004-00X
			RPC-M12-3MR-**SH-M12-3FR-PVC	3	T4162214003-00X
			RPC-M12-2MR-**SH-M12-2FR-PVC	2	T4162214002-00X
FIXED: -40°C~80°C FLXIBLE: -25°C~80°C	GRAY	PUR (UL)	RPC-M12-5MR-**SH-M12-5FS-PUR	5	T4162223005-00X
			RPC-M12-4MR-**SH-M12-4FS-PUR	4	T4162223004-00X
			RPC-M12-3MR-**SH-M12-3FS-PUR	3	T4162223003-00X
			RPC-M12-2MR-**SH-M12-2FS-PUR	2	T4162223002-00X
FIXED: -10°C~80°C FLXIBLE: -5°C~80°C	BLACK	PVC (UL)	RPC-M12-5MRS-**SH-M12-5FS-PVC	5	T4162213005-98X
			RPC-M12-5MR-**SH-M12-5FS-PVC	5	T4162213005-00X
			RPC-M12-4MR-**SH-M12-4FS-PVC	4	T4162213004-00X
			RPC-M12-3MR-**SH-M12-3FS-PVC	3	T4162213003-00X
FIXED: -40°C~80°C FLXIBLE: -25°C~80°C	GRAY	PUR (UL)	RPC-M12-5MS-**SH-M12-5FR-PUR	5	T4162124005-00X
			RPC-M12-4MS-**SH-M12-4FR-PUR	4	T4162124004-00X
			RPC-M12-3MS-**SH-M12-3FR-PUR	3	T4162124003-00X
			RPC-M12-2MS-**SH-M12-2FR-PUR	2	T4162124002-00X
FIXED: -10°C~80°C FLXIBLE: -5°C~80°C	BLACK	PVC (UL)	RPC-M12-5MS-**SH-M12-5FR-PVC	5	T4162114005-00X
			RPC-M12-4MS-**SH-M12-4FR-PVC	4	T4162114004-00X
			RPC-M12-3MS-**SH-M12-3FR-PVC	3	T4162114003-00X
			RPC-M12-2MS-**SH-M12-2FR-PVC	2	T4162114002-00X
FIXED: -40°C~80°C FLXIBLE: -25°C~80°C	GRAY	PUR (UL)	RPC-M12-5MS-**SH-M12-5FS-PUR	5	T4162123005-00X
			RPC-M12-4MS-**SH-M12-4FS-PUR	4	T4162123004-00X
			RPC-M12-3MS-**SH-M12-3FS-PUR	3	T4162123003-00X
			RPC-M12-2MS-**SH-M12-2FS-PUR	2	T4162123002-00X
FIXED: -10°C~80°C FLXIBLE: -5°C~80°C	BLACK	PVC (UL)	RPC-M12-5MS-**SH-M12-5FS-PVC	5	T4162113005-00X
			RPC-M12-4MS-**SH-M12-4FS-PVC	4	T4162113004-00X
			RPC-M12-3MS-**SH-M12-3FS-PVC	3	T4162113003-00X
			RPC-M12-2MS-**SH-M12-2FS-PVC	2	T4162113002-00X

CABLE TEMP.RANGE	JACKET COLOR	JACKET MATERIAL	TYPE	POS.	TE PART NUMBER
THIS DRAWING IS A CONTROLLED DOCUMENT.					
DIMENSIONS: mm		TOLERANCES UNLESS OTHERWISE SPECIFIED:		DWN GAVIN WANG 25 JUL 2018 CHK KEVIN HUANG 25 JUL 2018 APVD CHRIS WANG 25 JUL 2018	
0 PLC ± 1 PLC ± 2 PLC ± 3 PLC ± 4 PLC ± ANGLES ± FINISH		108-106140 114-137144		NAME M12X1 MALE TO FEMALE,XP A-CODE,SHIELDED	
MATERIAL		WEIGHT		SIZE A2 CAGE CODE - DRAWING NO. ©-T4162XXX0XX00X RESTRICTED TO	
CUSTOMER DRAWING			SCALE 2:1 SHEET 2 OF 2 REV B		