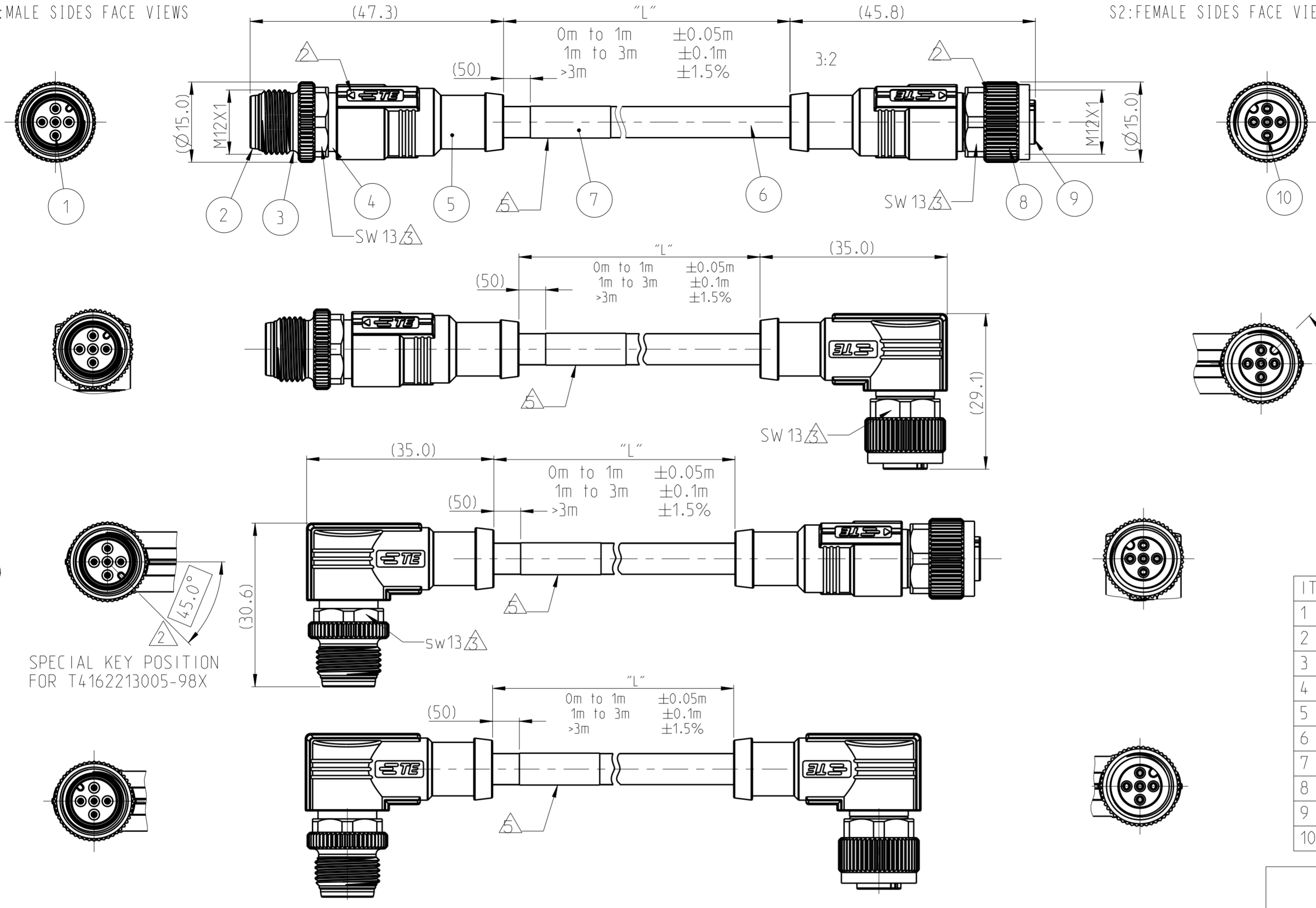


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| REVISIONS | | | | |
|-----------|-----|-----------------|-------------|---------|
| P | LTR | DESCRIPTION | DATE | APVD |
| A | | INITIAL RELEASE | 25 JUL 2018 | G.W C.W |
| A1 | | ECR-19-007526 | 14 MAY 2019 | RG CW |

S1: MALE SIDES FACE VIEWS

S2: FEMALE SIDES FACE VIEWS



SPECIAL KEY POSITION FOR T4162213005-98X

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

| MALE FACE VIEW | | | |
|-------------------|------------------------------|---|---|
| 2-POLES | 3-POLES | 4-POLES | 5-POLES |
| | | | |
| 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 |
| | | | |
| 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 | | | |

THIS DRAWING IS A CONTROLLED DOCUMENT.

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

PRODUCT SPEC: 108-106140
 APPLICATION SPEC: 114-137144

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

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

MATERIAL: TBD TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC ±, 1 PLC ±, 2 PLC ±, 3 PLC ±, 4 PLC ±, ANGLES ±, FINISH -

CUSTOMER DRAWING SCALE: 2:1 SHEET: 1 OF 2 REV: A1

STE TE Connectivity

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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

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...

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

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°

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

S2 CONNECTOR TYPE:
M12X1 A-CODE
CONNECTOR

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

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 ± | | NAME M12X1 MALE TO FEMALE,XP A-CODE,SHIELDED | |
| MATERIAL - | | FINISH - | | PRODUCT SPEC 108-106140 APPLICATION SPEC 114-137144 | |
| - | | - | | SIZE A2 CAGE CODE - DRAWING NO. ©T4162XXX0XX00X RESTRICTED TO - | |
| CUSTOMER DRAWING | | | SCALE 2:1 SHEET 2 OF 2 REV A1 | | |

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