

NOTES:

1. ELECTRICAL DATA:

CONTACT RESISTANCE: 10 mOhm MAX

INSULATION RESISTANCE: 100 MOhm MIN at 500VDC

CURRENT RATING: 5 AMPS

BREAKDOWN VOLTAGE: 500 VAC MIN PER MINUTE

2. ENVIRONMENTAL:

OPERATING TEMPERATURE CONNECTOR: -25°C TO +90°C

OPERATING TEMPERATURE CABLE: -40°C TO +150°C

SEALING REQUIREMENTS: IP67

3. PROD SPEC:

108-3641

4. PACKAGING:

107-3334

5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TE SALES OFFICE

6.

ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM

DESCRIPTION

MATERIAL

FINISH/COLOUR

QTY

1

SCREW NUT

ZINC DIE CAST

2.5µm NICKEL PLATED

1

2

CONNECTOR BODY

POLYURETHANE

BLACK

1

3

SOCKET CONTACT

BRASS

0.15µm GOLD OVER NICKEL

8

4

8 CORE CABLE (CORES 24AWG)

XLPE JACKET HAL FREE

RED

1

5

'O' RING

VITON 70

GREEN

1

6

SCREW NUT

ZINC DIE CAST

2.5µm NICKEL PLATED

1

7

CONNECTOR BODY

POLYURETHANE

BLACK

1

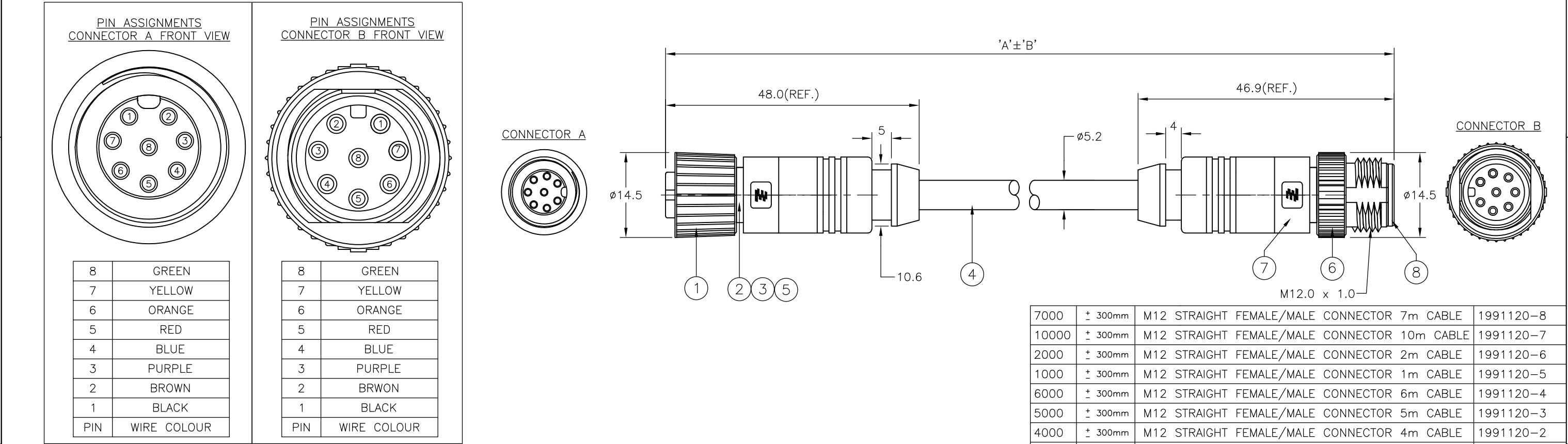
8

PIN CONTACT

BRASS

0.15µm GOLD OVER NICKEL

8



7000

± 300mm

M12 STRAIGHT FEMALE/MALE CONNECTOR 7m CABLE

1991120-8

10000

± 300mm

M12 STRAIGHT FEMALE/MALE CONNECTOR 10m CABLE

1991120-7

2000

± 300mm

M12 STRAIGHT FEMALE/MALE CONNECTOR 2m CABLE

1991120-6

1000

± 300mm

M12 STRAIGHT FEMALE/MALE CONNECTOR 1m CABLE

1991120-5

6000

± 300mm

M12 STRAIGHT FEMALE/MALE CONNECTOR 6m CABLE

1991120-4

5000

± 300mm

M12 STRAIGHT FEMALE/MALE CONNECTOR 5m CABLE

1991120-3

4000

± 300mm

M12 STRAIGHT FEMALE/MALE CONNECTOR 4m CABLE

1991120-2

3000

± 300mm

M12 STRAIGHT FEMALE/MALE CONNECTOR 3m CABLE

1991120-1

DIM A

TOL 'B'

DESCRIPTION

PART NUMBER

THIS DRAWING IS A CONTROLLED DOCUMENT FOR TE INCORPORATED.
IT IS SUBJECT TO CHANGE AND THE CONTROLLING ENGINEERING
ORGANIZATION SHOULD BE CONTACTED FOR THE LATEST REVISION.
DIESES ZEICHNUNGSDOKUMENT WIRD DURCH TE INCORPORATED KONTROLLIERT.
ÄNDERUNGEN, DIE DEM TECHNISCHEN FORTSCHRITT DIENEN, SIND VORBEHALTEN.
DEN JEWEILS LETZTIGUELtigen ÄNDERUNGSSTAND ERFAHREN SIE AUF ANFRAGE.

DIMENSIONS:
DIMENSIONEN:
mm

0 PLC

1 PLC

2 PLC

3 PLC

ANGLES /WINKEL

#

MATERIAL

FINISH /OBERFLÄCHE/FARBE

DWN
G.WROBLEWSKI
16.05.08

CHK
T.SCHNURPFEIL
16.05.08

APVD
T.SCHNURPFEIL
16.05.08

PRODUCT SPEC
PRODUKTSPEZ.

APPLICATION SPEC
VERARBEITUNGSSPEZ.

WEIGHT
GEWICHT

CUSTOMER DRAWING

NAME
M12-STRAIGHT-FEMALE/MALE-CONNECTOR
8-POSITION,A-CODE,XL-PE-CABLE

SIZE
A3

CAGE CODE
00779

DRAWING NO
ZEICHNUNGS-NR.
C= 1991120

RESTRICTED TO
NUR FÜR

SCALE
MASSSTAB

NS

SHEET
BLATT

OF
1 VON 1

REV.
A7

TE 1470-19 REV 27JUN96

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