

- 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:

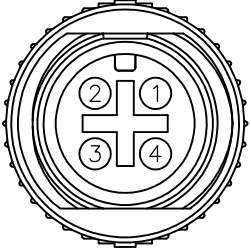
OPERATING TEMPERATURE CONNECTOR: -25°C TO +90°C
OPERATING TEMPERATURE CABLE: -40°C TO +150°C
SEALING REQUIREMENTS: IP67
3. PROD SPEC:

108-3641
4. PACKAGING:

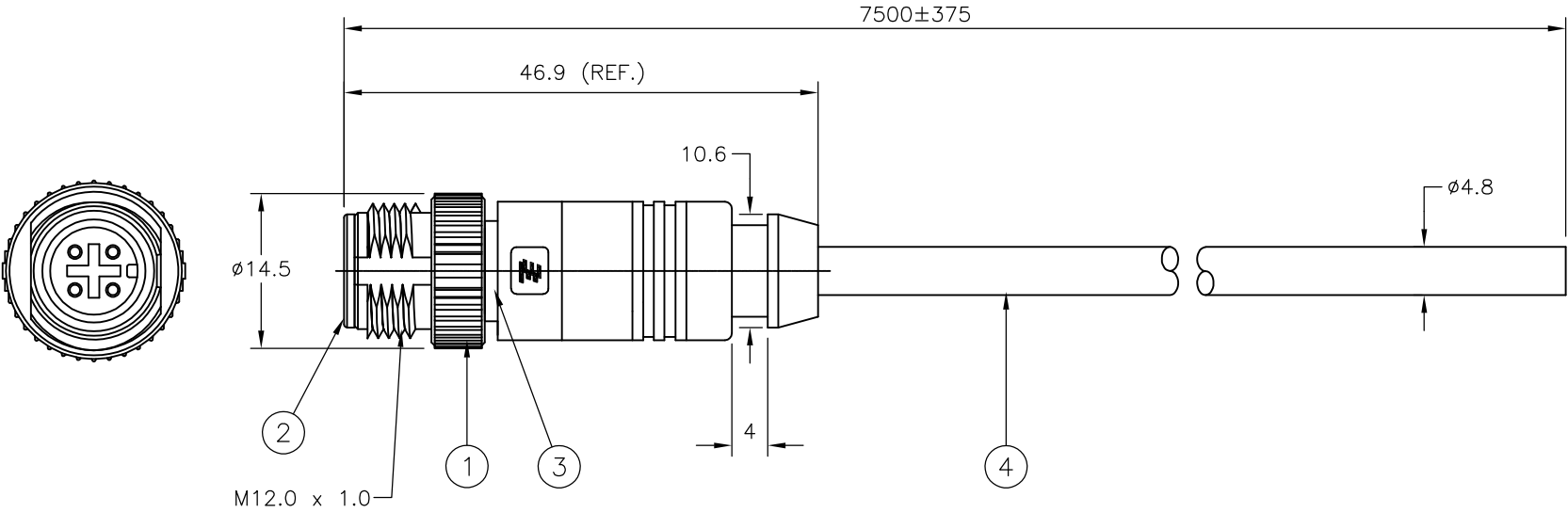
107-3334
5. FOR TECHNICAL DATA REFER TO YOUR LOCAL TYCO ELECTRONICS SALES OFFICE
6. ALL DIMENSIONS ARE NOMINAL FOR REFERENCE ONLY UNLESS OTHERWISE STATED

ITEM	DESCRIPTION	MATERIAL	FINISH/COLOUR	QTY
1	SCREW NUT	ZINC DIE CAST	2.5µm NICKEL PLATED	1
2	CONNECTOR BODY	POLYURETHANE	BLUE	1
3	PIN CONTACT	BRASS	0.15µm GOLD PLATED OVER NICKEL	4
4	4 CORE CABLE (20AWG)	XLPE JACKET HAL FREE	RED	1

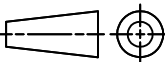
PIN ASSIGNMENTS
FRONT VIEW



4	BLACK
3	BLUE
2	WHITE
1	BROWN
PIN	WIRE COLOUR



M12 STRAIGHT MALE CONNECTOR 7.5m CABLE	1991116-1
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 LETZTIGUELIGEN ÄNDERUNGSSTAND ERFAHREN SIE AUF ANFRAGE.		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 —		Tyco Electronics Tyco Electronics AMP GmbH D-53757, Sankt-Augustin, Germany	
DIMENSIONS: DIMENSIONEN: mm 		TOLERANCES UNLESS OTHERWISE SPECIFIED: 0 PLC # 1 PLC # 2 PLC # 3 PLC # ANGLES /WINKEL #		NAME M12-STRAIGHT-MALE-CONNECTOR 8-POSITION,A-CODE,XL-PE-CABLE	
MATERIAL		FINISH /OBERFLÄCHE/FARBE			
		CUSTOMER DRAWING /KUNDENZEICHNUNG		SIZE A3 CAGE CODE 00779 DRAWING NO ZEICHNUNGS-NR. C= 1991116 RESTRICTED TO NUR FÜR —	
		SCALE MASSSTAB NS SHEET BLATT OF 1 VON 1 REV. A3			