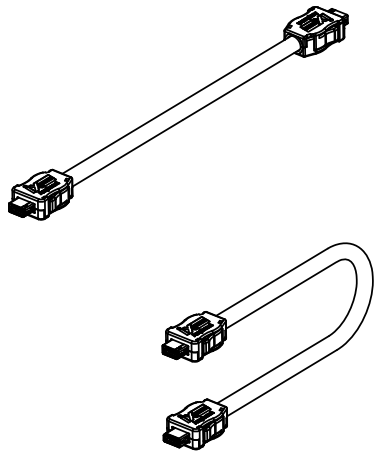
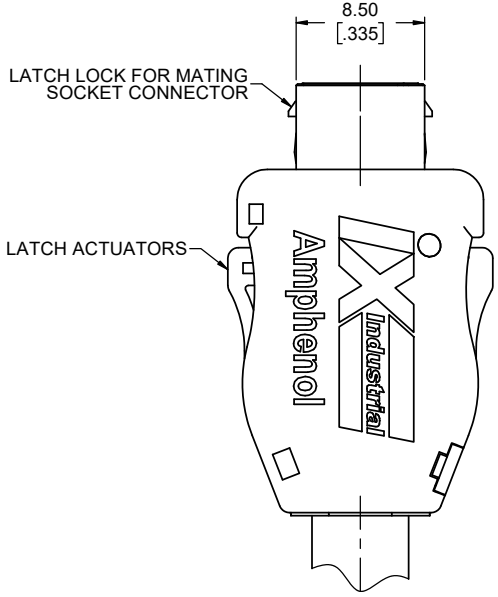
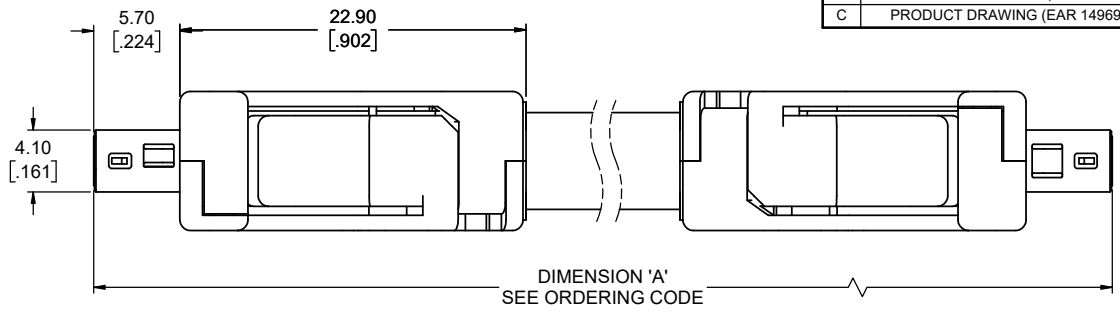
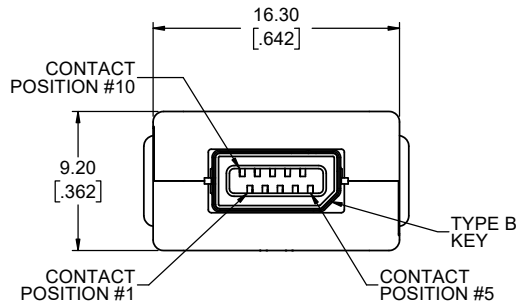


| REVISIONS | | | |
|-----------|------------------------------|----------|-------|
| REV | DESCRIPTION, ECN, EAR NO. | DATE | APP'D |
| B | PROPOSAL DRAWING (EAR 14804) | FEB27/20 | K.L. |
| C | PRODUCT DRAWING (EAR 14969) | JUL11/23 | K.L. |



ORDERING CODE: ND9-BCBX-XXB

- SERIES, IX INDUSTRIAL I/O APPLICATIONS
- TYPE B KEY
- CABLE
- PLUG ON BOTH ENDS
- PLATING FOR IX MATING AREA
 - 1 = GOLD FLASH
 - 2 = 0.20µm (8µ") GOLD
 - 4 = 1.27µm (50µ") GOLD
 - 7 = 0.76µm (30µ") PALLADIUM NICKEL WITH GOLD FLASH
- 10 WIRE CABLE

| CABLE LENGTHS (DIMENSION 'A') | |
|-------------------------------|-------------------------------|
| | LENGTH IN CM |
| 20 TO 99 | |
| A0 TO A9 | 1 METER + 0 TO 9 DECIMETERS |
| B0 TO B9 | 2 METERS + 0 TO 9 DECIMETERS |
| C0 TO C9 | 3 METERS + 0 TO 9 DECIMETERS |
| D0 TO D9 | 4 METERS + 0 TO 9 DECIMETERS |
| E0 TO E9 | 5 METERS + 0 TO 9 DECIMETERS |
| F0 TO F9 | 6 METERS + 0 TO 9 DECIMETERS |
| G0 TO G9 | 7 METERS + 0 TO 9 DECIMETERS |
| H0 TO H9 | 8 METERS + 0 TO 9 DECIMETERS |
| J0 TO J9 | 9 METERS + 0 TO 9 DECIMETERS |
| K0 TO K9 | 10 METERS + 0 TO 9 METERS |
| L0 TO L9 | 20 METERS + 0 TO 9 METERS |
| M0 TO M9 | 30 METERS + 0 TO 9 DECAMETERS |

CABLE LENGTH ORDERING CODE EXAMPLES:
75cm = 75 6.3m = F3 25m = L5 80m = M5

CONNECTOR PIN ASSIGNMENT

| POSITION NUMBER | WIRE COLOUR (DIN 47100) |
|-----------------|-------------------------|
| 1 | WHITE |
| 2 | BROWN |
| 3 | GREEN |
| 4 | YELLOW |
| 5 | GREY |
| 6 | PINK |
| 7 | BLUE |
| 8 | RED |
| 9 | BLACK |
| 10 | VIOLET |

NOTE:
TWISTED PAIRS FOR POSITIONS
1/2, 3/4, 5/6, 7/8 & 9/10

NOTES:

1. MATERIAL: RoHS COMPLIANT PER EU DIRECTIVE 2011/65/EU AND AMENDMENTS.
 - SHIELD: STAINLESS STEEL, NICKEL PLATED
 - INSERTS & PLUG COVER: HIGH TEMPERATURE RESISTANT ENGINEERING THERMOPLASTIC, UL94V-0, BLACK
 - CONTACTS: COPPER ALLOY PLATED WITH GOLD OR PALLADIUM-NICKEL (SEE ORDERING CODE) OVER 1.27µm (50µ") MINIMUM NICKEL ON THE MATING AREA
 - WIRE: 26 AWG STRANDED COPPER WIRE, PVC INSULATED, TWISTED PAIRS, OVERALL TINNED COPPER BRAID, 6.75mm (.266") DIA. PVC JACKET
2. DESIGNED TO CONFORM TO REQUIREMENTS OF IEC 61076 PART 3-124 SPECIFICATION. THE TYPE B KEY FEATURE SHOWN IS INTENDED FOR NON-ETHERNET I/O APPLICATIONS.
3. CURRENT RATING: 1.5 AMPERES, VOLTAGE RATING: 50V AC rms OR 60V DC
4. OPERATING TEMPERATURE -40° TO +80°C.
5. DIELECTRIC WITHSTANDING VOLTAGE: 500V DC
6. INSULATION RESISTANCE: 500 MEGOHMS MINIMUM.
7. MATING & UNMATING FORCE: 25N (5.6 lbf) MAXIMUM.



| | | | |
|----------------------------|------------------------|-----------|---------|
| UNLESS SPECIFIED OTHERWISE | DRAWN | B.COPPING | JUL9/19 |
| PRIMARY UNITS MILLIMETERS | CHECKED | K.LAMBIE | JUL9/19 |
| SECONDARY UNITS INCHES | M.E. APP'D | | |
| REFERENCE IN PARENTHESES | Q.A. APP'D | | |
| GENERAL TOLERANCES | DWG APPR. | | |
| 1 DECIMAL PLACE | ENG. REL. NO. | EAR 14720 | |
| 2 DECIMAL PLACES | REF. | | |
| 3 DECIMAL PLACES | THIRD ANGLE PROJECTION | | |
| ANGULAR DEGREES | DO NOT SCALE DRAWING | | |

Amphenol Canada Corp.
Commercial Products

IX INDUSTRIAL I/O CABLE, TYPE B PLUG TO PLUG, VARIOUS LENGTHS, RoHS COMPLIANT

DWG. NO. **P-ND9-BCBX-XXB** REV **C**

CODE ID NO. 03554 DWG SIZE: X SCALE: 4:1 SHEET 1 OF 1