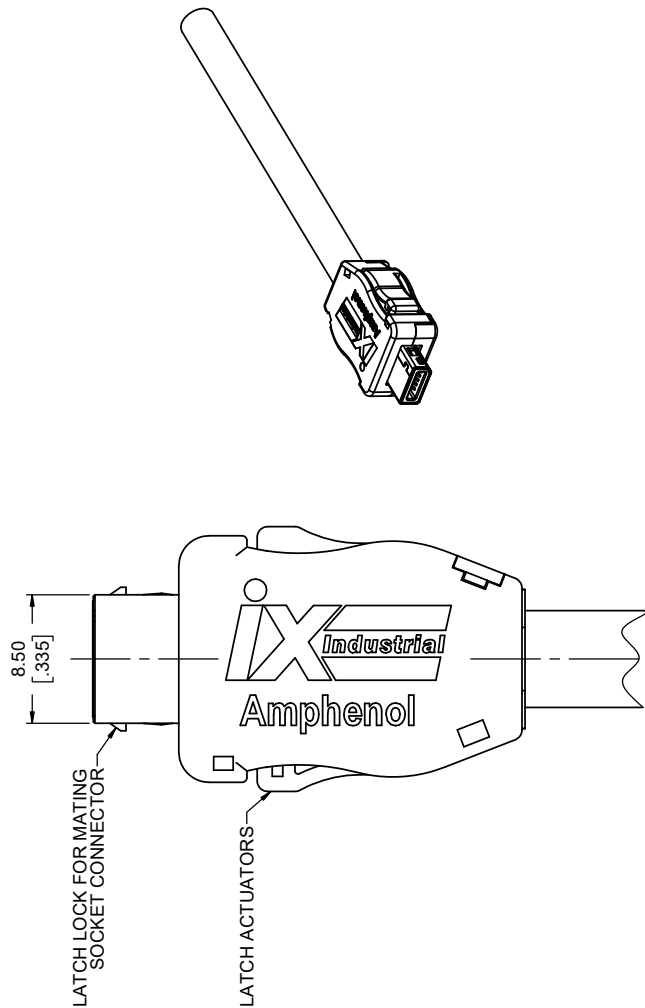
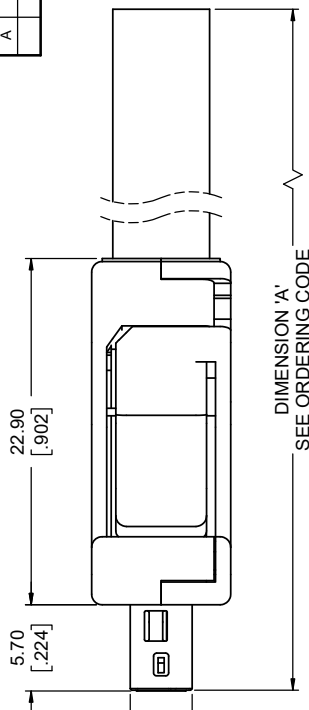
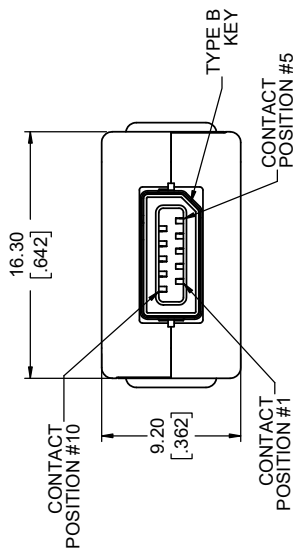




ORDERING CODE: ND9 - B C A X - XX B

SERIES, IX INDUSTRIAL-
I/O APPLICATIONS

TYPE B KEY

CABLE

PLUG ON ONE END -

PLATING FOR MATING AREA

2 = 0.2 μm (8 μm) GOLD

4 = 1.27 μ m (50 μ ") GOLD

 $\lambda = 0.76 \mu\text{m}$ (30μ) PALLA

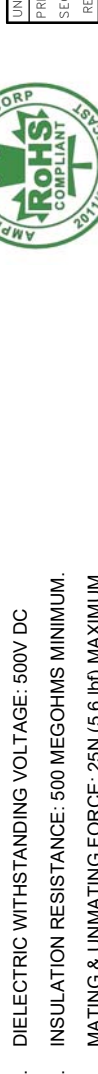
GOLD FLASH

CABLE LENGTHS (DIMENSION 'A')	
10 TO 99	LENGTH IN CM
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
-----------	-----------	----------	----------

NOTES:

- 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
 - CABLE: COPPER CONDUCTOR 26 AWG, 7 STRANDS; INSULATION DIA 0.95 TO 1.05mm (.037 TO .041"), METAL FOIL WRAPPED TWISTED PAIRS; OVERALL TIN PLATED BRAID, PVC JACKET DIA 6.3 TO 7.2mm (.244 TO .283")
- 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
1. CURRENT RATING: 1.5 AMPERES, VOLTAGE RATING: 50V AC rms OR 60V DC
 2. OPERATING TEMPERATURE -40° TO +80°C.
 3. DIELECTRIC WITHSTANDING VOLTAGE: 500V DC
 4. INSULATION RESISTANCE: 500 MEGOHMS MINIMUM.
 5. MATING & UNMATING FORCE: 25N (5.6 lbf) MAXIMUM.
- | | | | |
|--|------|------|-----|
| UNL | PRIM | SECC | REF |
|  | | | |

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 POSTIONS
1/2, 3/4, 5/6, 7/8 & 9/10



UNLESS SPECIFIED OTHERWISE	DRAWN	I. NELSON	JUN24/20	Amphenol Canada Corp. Commercial Products
PRIMARY UNITS	CHECKED	K. LAMBIE	JUN24/20	
SECONDARY	M.E., APP'D			
REFERENCE IN PARENTHESES	I.Q.A., APP'D			
GENERAL TOLERANCES	DWG. APPR.			IX INDUSTRIAL I/O CABLE, TYPE B PLUG ON ONE END, VARIOUS LENGTHS, ROHS COMPLIANT
1 DECIMAL PLACE	ENG. REL. NO.	EAR 14838		
2 DECIMAL PLACES	REF.			
3 DECIMAL PLACES				
ANGULAR DEGREES	THIRD ANGLE PROJECTION		DO NOT DRAWING	
	DWG. NO.			P-ND9-BCA-X-XXB
	CODE ID. NO.	03564	DWG. SIZE: X	SCALE: 4:1
				SHEET 1 OF 1

THIS DOCUMENT CONTAINS PROPRIETARY INFORMATION AND SUCH INFORMATION MAY NOT BE DISCLOSED TO OTHERS FOR ANY PURPOSE OR USED FOR MANUFACTURING PURPOSES WITHOUT WRITTEN PERMISSION FROM AMPHENOL CANADA CORP.