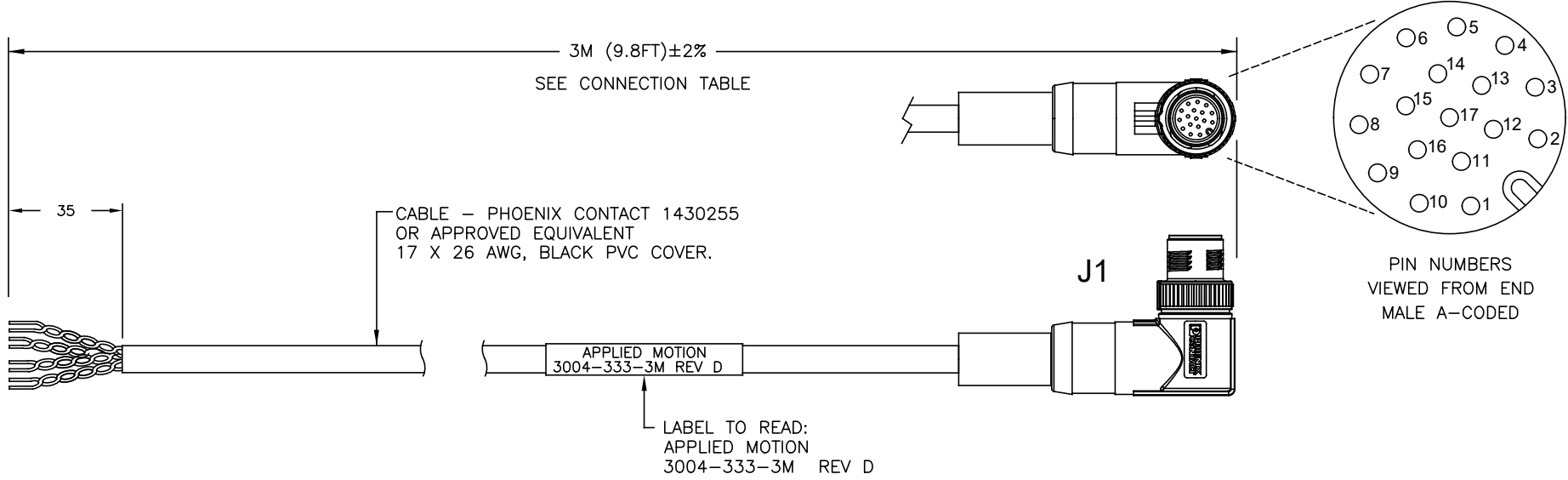


J1				
WIRE COLOR	TXM-S/Q/C/IP/EC SIGNALS	TXM-P SIGNALS	MDX SIGNALS	PIN NO:
BROWN	STEP+ (INPUT)(X1+)	STEP+ (INPUT)(X1+)	STEP+ (X1+)	1
WHITE	STEP- (INPUT)(X1-)	ENC A-	STEP- (X1-)	3
YELLOW	DIR+ (INPUT) (X2+)	STEP- (INPUT)(X1-)	DIR+ (X2+)	6
GREEN	DIR- (INPUT) (X2-)	DIR- (INPUT) (X2-)	DIR- (X2-)	4
PINK	ENABLE+ (INPUT) (X3+)	ENABLE (INPUT) (X3)	X3 (EN)	5
GRAY	ENABLE- (INPUT) (X3-)	DIR+ (INPUT) (X2+)	X4 (CW LIMIT)	8
BLACK	CW LIMIT+ (INPUT) (X4+)	XCOM	X5 (CCW LIMIT)	7
VIOLET	CW LIMIT- (INPUT) (X4-)	ALARM RESET (INPUT) (X4)	N/C	10
RED	CCW LIMIT+ (INPUT) (X5+)	ENC A+	XCOM	9
BLUE	CCW LIMIT- (INPUT) (X5-)	YCOM	Y4	2
GRAY/PINK	FAULT (OUTPUT) (Y1)	ENC B+	Y1	11
RED/BLUE	MOTION OUT (OUTPUT) (Y2)	ENC B-	Y2	12
WHITE/GREEN	BRAKE&MOTION OUT (OUTPUT) (Y3)	ENC Z+	Y3	13
BROWN/GREEN	YCOM	ENC Z-	YCOM	14
WHITE/YELLOW	DGND	FAULT (OUTPUT) (Y1)	DGND	15
YELLOW/BROWN	+5V LOGIC GROUND	MOTION OUT (OUTPUT) (Y2)	AIN2	16
WHITE/GRAY	AIN ANALOG INPUT (AIN)	BRAKE&MOTION OUT (OUTPUT) (Y3)	AIN1	17
SHIELD-BRAID	SHIELD	SHIELD	SHIELD	PLUG

REVISIONS				
ECO	REV	DESCRIPTION	DATE	APPROVED
7478	A	INITIAL RELEASE	8/31/16	J KORDIK
7497	B	LENGTH REVISED	9/9/16	L LIU
8276	C	ADD MDX SIGNALS	7/2/19	L LIU
8411	D	REVISE MDX (Yx) SIGNALS	2/3/20	J KORDIK

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NOTES: UNLESS OTHERWISE SPECIFIED

- THIS CABLE IS MANUFACTURED IN COMPLIANCE WITH THE CURRENT EU RoHS DIRECTIVE.
- CURRENT RATING: 1.5A, 30VAC. RATING: IP65. TEMPERATURE RANGE: FIXED INSTALLATION -25°C TO +80°C, FLEXABLE INSTALLATION -5°C TO +80°C.

TOLERANCES		THIRD ANGLE PROJECTION		APPLIED MOTION PRODUCTS, INC.	
DECIMALS: MM (INCH)				CORD SET M12 - I/O - R/A	
X.XXX = ±0.013 (.005)					
X.XX = ±0.25 (.01)		APPROVALS	DATE	B DWG NO. 3004-333-3M REV D	SCALE: NTS SHEET 1 OF 1
X.X = ±2.5 (0.1)		DRAWN R.JONEZ	8/4/16		
ANGLES: MACH. = ±.5' CHAM. = ±5'		CHECKED			
COMPUTER DATA BASE DRAWING		APPROVED			