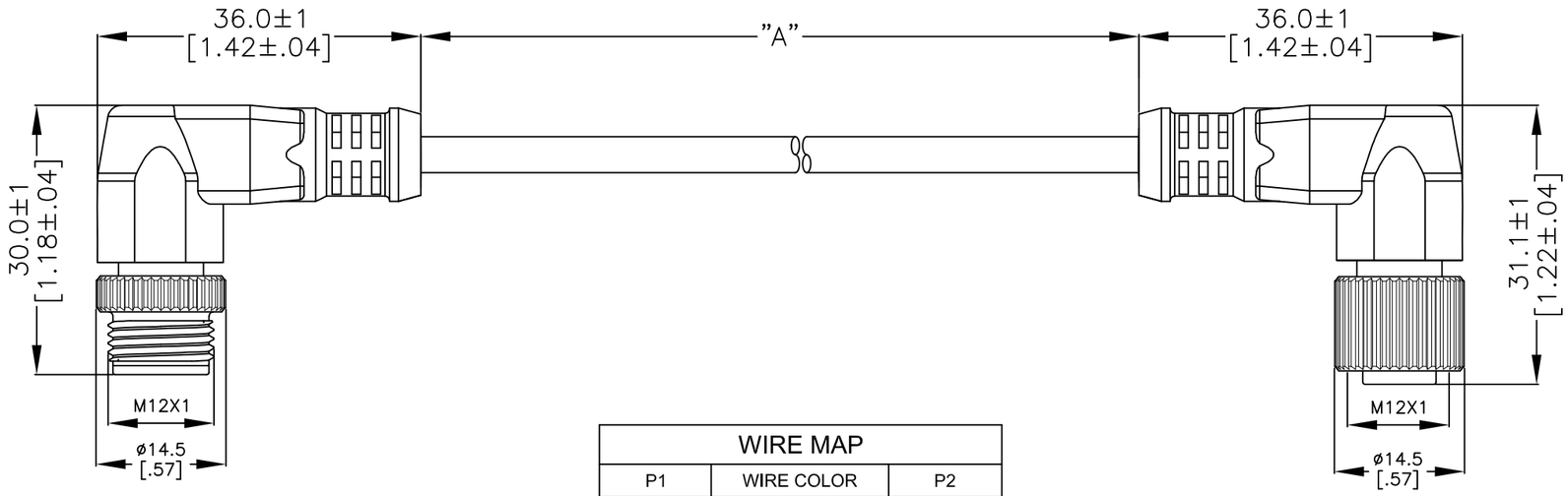
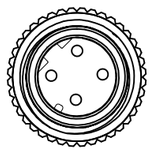
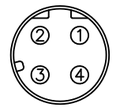
DATE	REV	ECN	APP'D. BY
01/17/25	A0	12491	GWL



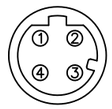


P1

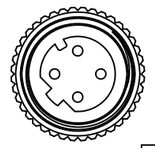


4 Position
A–Code

WIRE MAP		
P1	WIRE COLOR	P2
1	BLACK	1
2	BROWN	2
3	BLUE	3
4	GREEN	4



4 Position
A–Code



P2

Materials:

Cable: UL20549 22AWG–4C OD: 4.6mm
Color Dark Gray TPU Jacket Drag Chain Halogen–Free
Connector 1: M12 D–Code 4Pin Male Solder for Overmolded
Connector 2: M12 D–Code 4Pin Female Solder for Overmolded
Boot: TPU Outer Molding Color Black

PART NUMBER	LENGTH "A"
BC–M12MD4RBFD4R005M	500±10 [19.69±0.39]
BC–M12MD4RBFD4R010M	1000±20 [39.37±0.79]
BC–M12MD4RBFD4R020M	2000±30 [78.74±1.18]
BC–M12MD4RBFD4R030M	3000±30 [118.11±1.18]

Notes:

Ingress Protection Rating: IP67 in Mated Condition
Current Rating: 4A (2 ~ 5P) AC/DC
Voltage Rating: 250V (2 ~ 4P) AC/DC
Contact Resistance: 5Ω Max
Insulation Resistance: 10MΩ Min
Dielectric Withstanding Voltage: 450VDC
Temperature of Operation: –20°C ~ 80°C

Storage Condition:
Temperature Range: 25 ± 3°C
Humidness: ≤70%

P/N STRUCTURE:

BC–M12MD4RBFD4RxxxM

- BC = CABLE ASSEMBLY FAMILY
- M12 = M12 SERIES
- LENGTH: METER = xxx, 1M=010, 2.5M=025, 5M=050
- M = METERS

SEE TABLE

PART NUMBER

TOLERANCES UNLESS OTHERWISE SPECIFIED	
X.XX [X.XXX]	±.30 [0.012]
X.X [X.XX]	±.50 [0.02]

THIRD ANGLE PROJECTION

DO NOT SCALE DRAWING

DRAWING IS SUBJECT TO CHANGE WITHOUT NOTICE

DIMENSIONS: MM [INCH]

SHEET NO. 1 OF 1

stewart CONNECTOR a bel group
11118 Susquehanna Trail South
Glen Rock, PA 17327–9199
(717) 235–7512
http://www.stewartconnector.com

TITLE
CABLE ASSEMBLY, M12 D–CODE 4–PIN MALE RIGHT–ANGLE TO FEMALE RIGHT–ANGLE, TPU JACKET

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DRN BY:	DATE
ARC	01/17/25
APPD BY: GWL	DATE 01/17/25
DWG NO. CT999319	REV. A0

AutoCAD