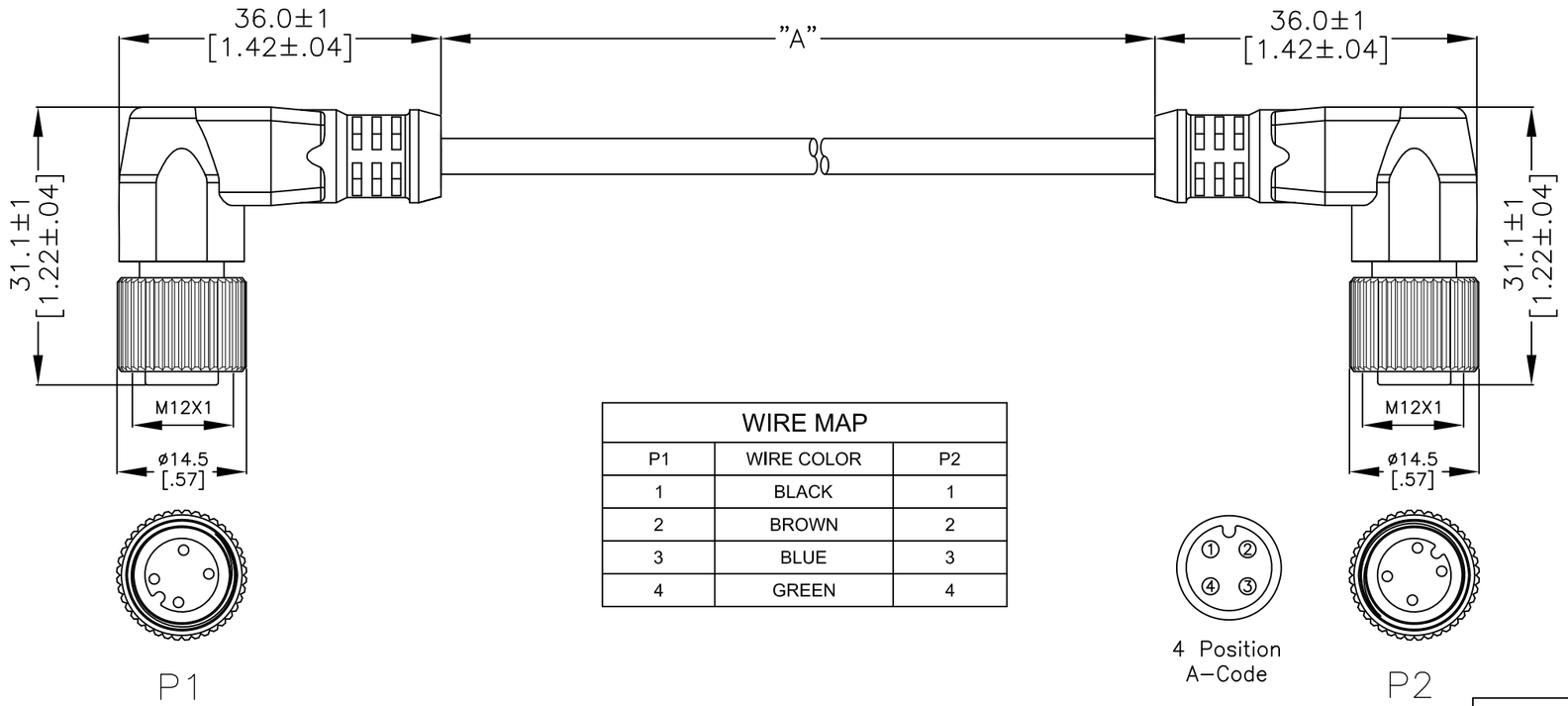
DATE	REV	ECN	APP'D. BY
01/17/25	A0	12491	GWL



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

Materials:

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

PART NUMBER	LENGTH "A"
BC-M12FA4RBFA4R005M	500±10 [19.69±0.39]
BC-M12FA4RBFA4R010M	1000±20 [39.37±0.79]
BC-M12FA4RBFA4R020M	2000±30 [78.74±1.18]
BC-M12FA4RBFA4R030M	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-M12FA4RBFA4RxxxM

- 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 A-CODE 4-PIN FEMALE RIGHT-ANGLE TO FEMALE RIGHT-ANGLE, TPU JACKET

THIS DRAWING AND THE SUBJECT MATTER SHOWN THEREON ARE CONFIDENTIAL AND THE PROPRIETARY PROPERTY OF STEWART CONNECTOR AND SHALL NOT BE REPRODUCED, COPIED, OR USED IN ANY MANNER WITHOUT PRIOR WRITTEN CONSENT OF STEWART CONNECTOR. ONE OR MORE U.S. PATENTS MAY APPLY TO THIS PRODUCT. FOR DETAILS, PLEASE VISIT: HTTP://BELFUSE.COM/STEWART/STEWART_PATENTS/

DRN BY:	ARC	DATE	01/17/25
APPD BY:	GWL	DATE	01/17/25
DWG NO.	CT999315	REV.	A0

AutoCAD