

6

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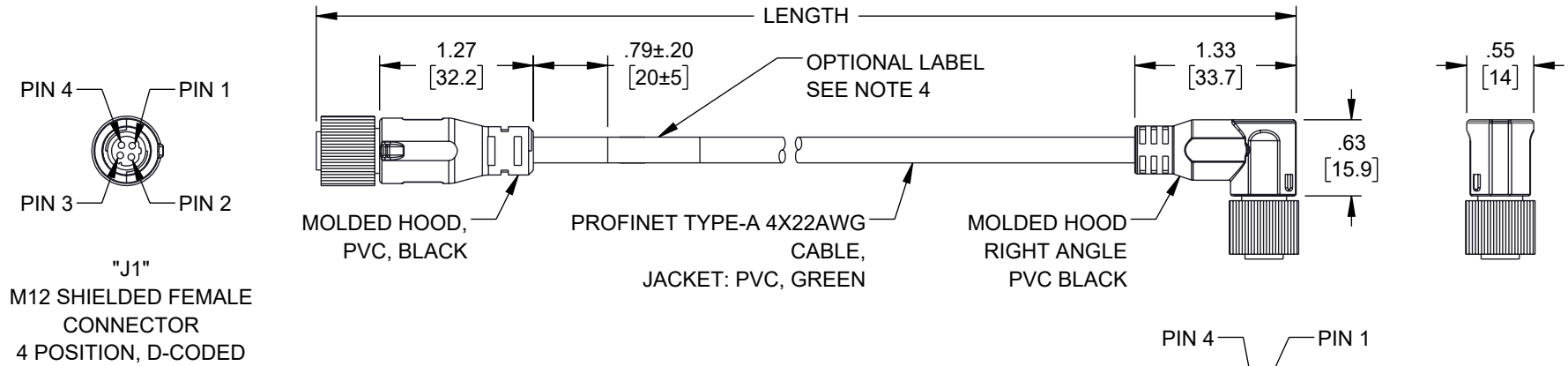
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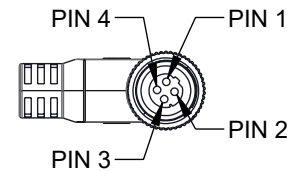
## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	02/26/2024	KGLEBOVA	GUTTADAURO



"J1"  
M12 SHIELDED FEMALE  
CONNECTOR  
4 POSITION, D-CODED

## WIRING DIAGRAM



"J2"  
M12 SHIELDED FEMALE  
CONNECTOR  
4 POSITION, D-CODED

## NOTES:

- 100% OPEN/SHORT/INTERMITANCE TEST
- INSULATION RESISTANCE: 10 M MIN/DC 300V/10ms.
- DATA TRANSFER RATE: PASS THE PROFINET TEST.
- OPTIONAL LABEL MAY INCLUDE UL, CURRENT AND/OR WARNING.
- CABLE ASSEMBLY SHALL BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

REGULATORY COMPLIANCE:  
EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION)

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ITEM NO	LENGTH	
	METERS [mm]	FEET [IN]
M4DPAC5E-RAFF-1	0.305 [±20]	1 [±.79]
M4DPAC5E-RAFF-3	0.92 [±30]	3.02 [±1.18]
M4DPAC5E-RAFF-6	1.83 [±30]	6 [±1.18]
M4DPAC5E-RAFF-10	3.05 [±50]	10 [±1.97]
M4DPAC5E-RAFF-15	4.57 [±50]	15 [±1.97]
M4DPAC5E-RAFF-30	9.2 [±100]	30.18 [±3.97]

UNLESS OTHERWISE SPECIFIED  
LEADING DIMENSIONS ARE INCHES  
DIMENSIONS IN [ ] ARE MILLIMETERS

TOLERANCES:  
 .X = ±.2 [5]      FRACTIONS  
 .XX = ±.02 [0.5]      ± 1/32  
 .XXX = ±.005 [0.13]      ANGLES ± 1°

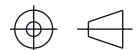
CABLE LENGTH TOLERANCES:  
 ≤12 [305] = +1 [25] / -0  
 >12 [305] ≤ 60 [1524] = +2 [51] / -0  
 >60 [1524] ≤ 120 [3048] = +4 [102] / -0  
 >120 [3048] ≤ 300 [7620] = +6 [152] / -0  
 >300 [7620] = +5% / -0

ALL DIMENSIONS ARE FOR REFERENCE ONLY  
AND SUBJECT TO CHANGE WITHOUT NOTICE.  
UN-DIMENSIONED (NON-CRITICAL) FEATURES  
MAY VARY IN SIZE AND LOCATION  
COLORS MAY VARY

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INTERPRET ALL DIMENSIONS AND  
TOLERANCES PER ASME Y14.5

SCALE	SHEET
NONE	1 OF 1

## DESCRIPTION

M12 4 POSITION D-CODED RA FEMALE/FEMALE CABLE, FOIL SHIELDED

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	KGLEBOVA	M4DPAC5E-RAFF	A

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