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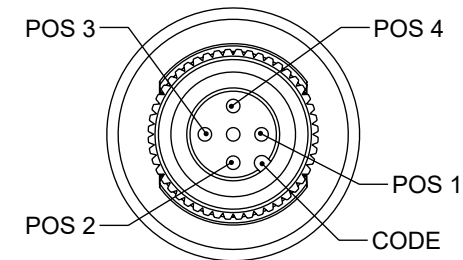
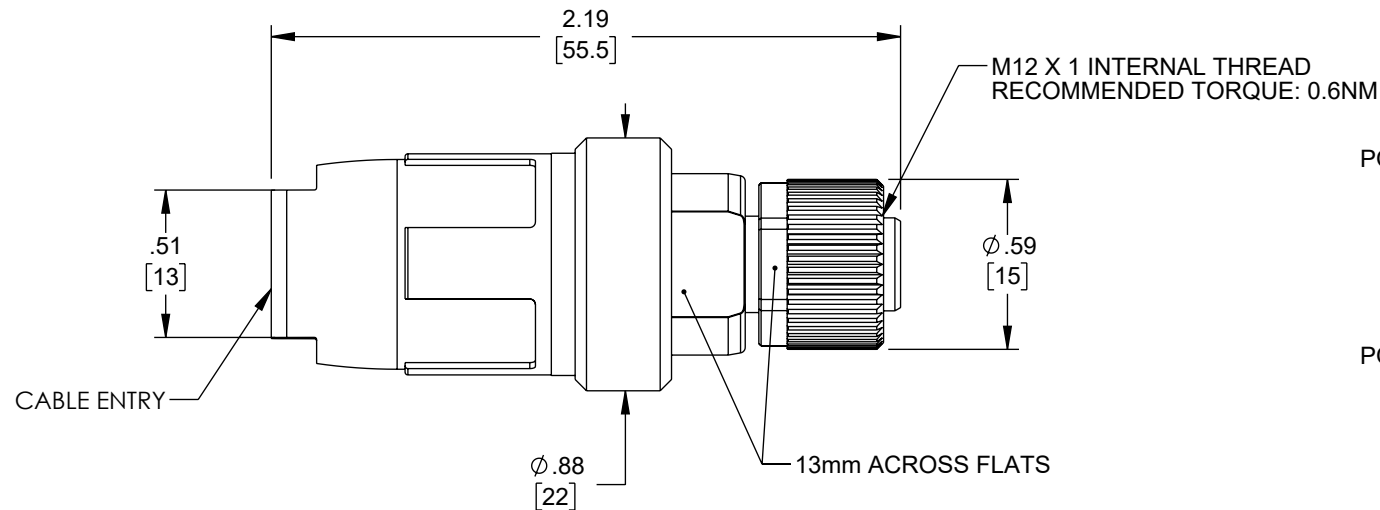
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## REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	06/05/2025	KGLEBOVA	GUTTADAURO

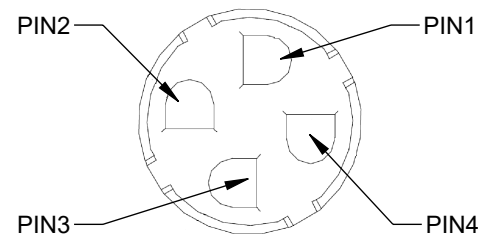
M12 FEMALE  
4 POSITION A-CODED  
CONNECTOR

## NOTES:

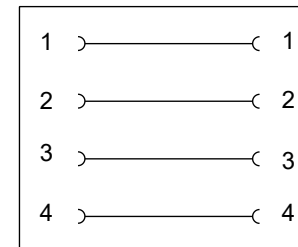
1. HOUSING: M12 FEMALE, STRAIGHT, 4 POSITION, A-CODED.
2. CONDUCTOR CROSS SECTION: 20AWG - 17AWG [0.5mm<sup>2</sup> - 1.0mm<sup>2</sup>].
3. INSULATION MATERIALS: PVC/PP/TPE.
4. WIRE DIAMETER: .063 [1.6] - .079 [2].
5. CABLE OUTSIDE DIAMETER: .217 [5.5] - .315 [8].
6. PROTECTION: IP67 (WHEN MATED AND TIGHTENED, EN60529).
7. TEMP RANGE: -25°C TO +85°C.
8. NOMINAL VOLTAGE: MAX 32V AC/DC.
9. RATED CURRENT: MAX 4A PER CONTACT.
10. SHIPS UNASSEMBLED.
11. A 5TH CENTER POS HOLE POSITION MAY APPEAR REGARDLESS OF THE NUMBER OF ACTUAL CONDUCTORS AND WILL NOT BE CONNECTED ELECTRICALLY BUT ALLOWS MATING WITH 5 POS CABLES, IF NEEDED.

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

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INSULATION DISPLACEMENT  
SPLICING RING

## WIRING DIAGRAM



SPLICING RING M12 FEMALE

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

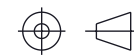
TOLERANCES:  
X = ±.2 [5] FRACTIONS  
.XX = ±.02 [0.5] ± 1/32  
.XXX = ±.005 [0.13] ANGLES ± 1°

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 NONE SHEET 1 OF 1

LY RES	DESCRIPTION				
	M12 4A-F FIELD TERM 20-17AWG				
	SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
	A	3SVT8	KGLEBOVA	SM12FT4AF-L	A

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