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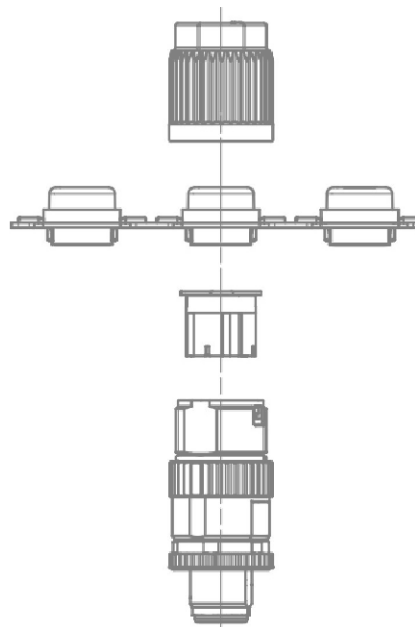
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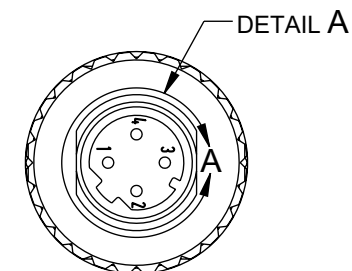
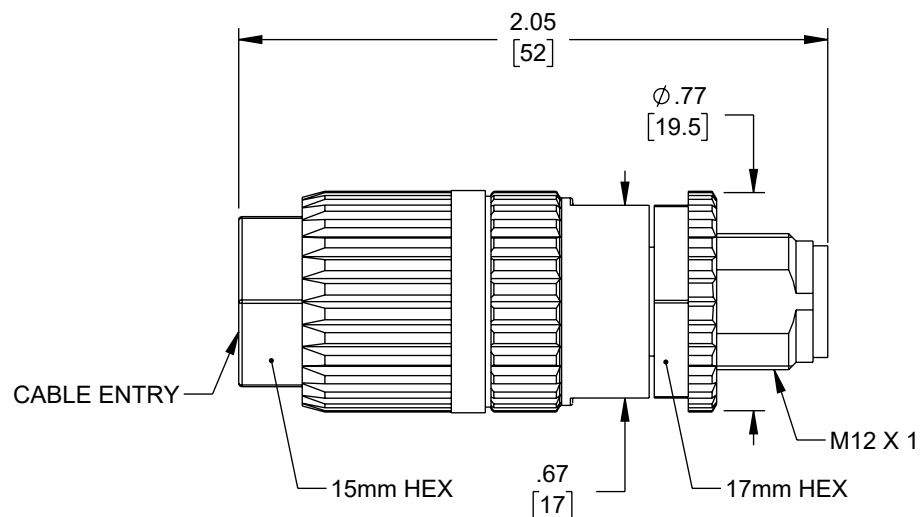
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REVISION

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



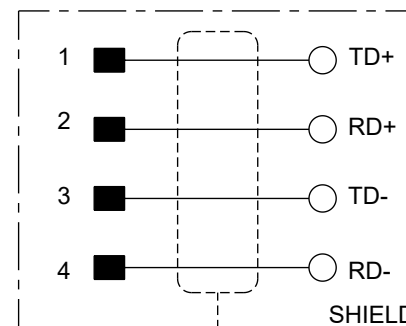
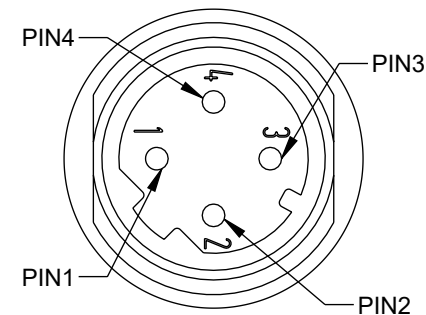
EXPLODED VIEW

M12 SHIELDED MALE
4 PIN D-CODED
CONNECTOR

NOTES:

1. HOUSING: M12 MALE, STRAIGHT, 4 POSITION, D-CODED, SHIELDED.
2. CABLE CONNECTION: IDC.
3. CONDUCTOR CROSS SECTION: 0.14 - 0.34mm² (AWG 26 - 22).
4. INSULATION MATERIALS: PVC/PE/PP.
5. WIRE DIAMETER: .047 [1.2] - .079 [2].
6. CABLE OUTSIDE DIAMETER: .177 [4.5] - .346 [8.8].
7. PROTECTION: IP65/IP67 (WHEN MATED AND TIGHTENED, EN 60529).
8. TEMP. RANGE: -40°C TO +85°C.
9. LOCKING MATERIAL: ZINC DIE CASTING, MATTE NICKEL PLATED.
10. NOMINAL VOLTAGE: MAX 50V AC/DC.
11. RATED CURRENT: MAX 4A PER CONTACT.
12. CATEGORY: CATEGORY 5E (IEC 11801).
13. SHIPS UNASSEMBLED.

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

M12 MALE
WIRING DIAGRAMDETAIL A
CONNECTOR PIN ASSIGNMENT
(ACC. IEC 61076-2-101)

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

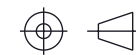
TOLERANCES:
X = ±.2 [5] FRACTIONS
.XX = ±.02 [0.5] ± 1/32
XXX = ±.005 [0.13] ANGLES ± 1°

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

DESCRIPTION				
M12 4D-M FLDTRM 24-22AWG SHLD				
SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	3SVT8	KGLEBOVA	SM12FT4DMS	A

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