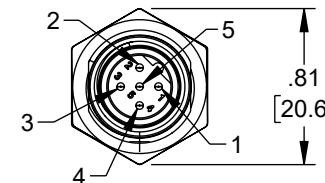
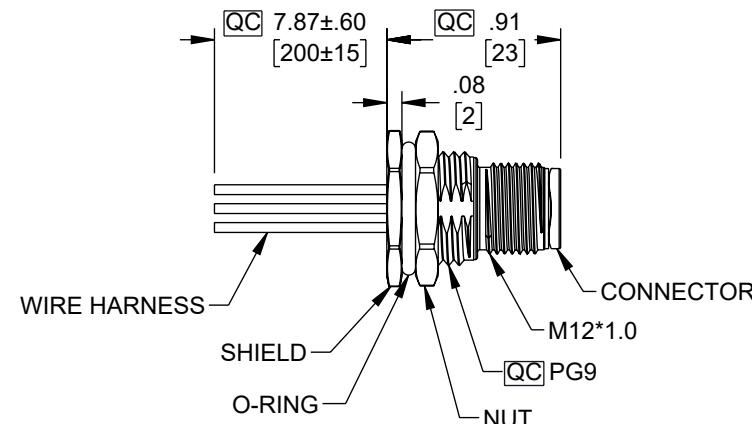
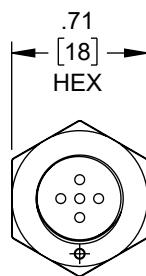


ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/17/2024	DMAY	DGUTTADAURO



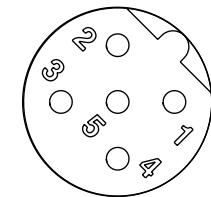
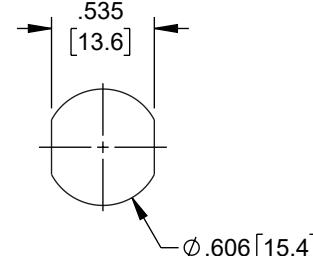
NOTES:

1. **QC** IMPORTANT DIMENSION.
2. WATERPROOF RATE: IP68, UNMATED 1m/24h
IP69K, MATED
3. CONNECTOR:
 1. HOUSING: THERMOPLASTIC, BLACK
 2. PIN: COPPER ALLOY, GOLD PLATED
 3. O-RING: RUBBER, GREEN
4. SHIELD: METAL
5. NUT: METAL
6. O-RING: RUBBER, BLACK
7. WIRE HARNESS: UL1061, 22AWG
8. FOR PANEL THICKNESS MAX: 4.5mm
9. O-RING AND NUT ARE ASSEMBLED ON CONNECTORS
10. TEMPERATURE RANGE: -20°C TO +85°C
11. OPERATING VOLTAGE: 60V
12. NOMINAL CURRENT: 4A

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

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PIN OUT	
PIN#	WIRE
1	BROWN
2	WHITE
3	BLUE
4	BLACK
5	GRAY

PIN ASSIGNMENTS
FRONT VIEWRECOMMENDED
PANEL CUT-OUTUNLESS OTHERWISE SPECIFIED
LEADING DIMENSIONS ARE INCHES
DIMENSIONS IN [] ARE MILLIMETERSTOLERANCES:
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% / -0ALL 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 1DESCRIPTION
M12 SENSOR 5 PIN B CODE MALE RECEPTACLE, IP68 IP69K
RATED, 60V, 4A, PG9 FRONT PANEL MOUNT STYLE WITH
22AWG UL1061 PVC 0.2M LEADS

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	REC-M125BM-PG9F-L	A