

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

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D

C

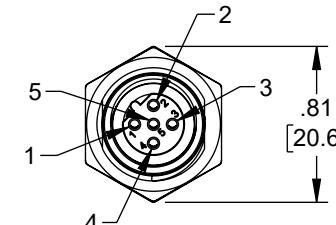
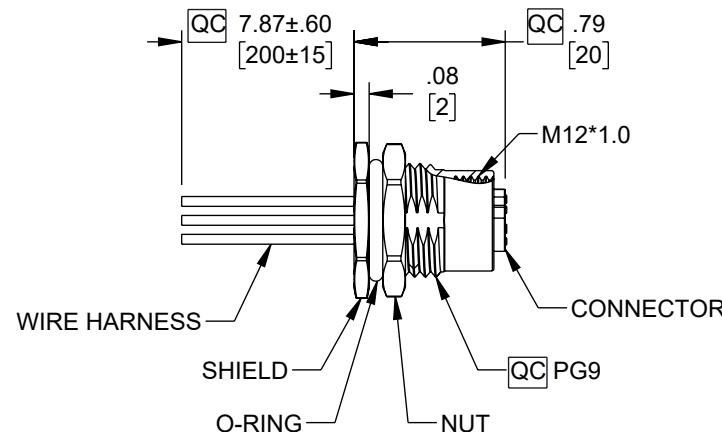
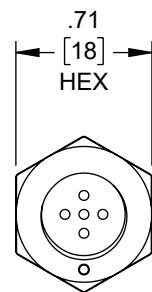
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NOTES:

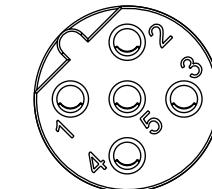
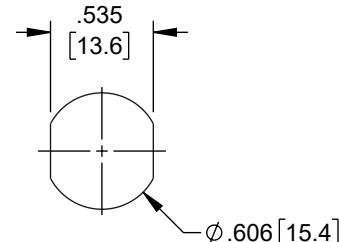
1. **QC** IMPORTANT DIMENSION.
2. WATERPROOF RATE: IP68, MATED 1m/24h
IP69K, MATED
3. CONNECTOR:
 1. HOUSING: THERMOPLASTIC, BLACK
 2. PIN: COPPER ALLOY, GOLD PLATED
 3. O-RING: RUBBER, GREEN
4. SHIELD: METAL
5. NUT: METAL
6. O-RING: RUBBER, BLACK
7. WIRE HARNESS: UL1061, 22AWG
8. FOR PANEL THICKNESS 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 VIEW

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

TOLERANCES:
 $X = \pm .2$ [5] FRACTIONS
 $XX = \pm .02$ [0.5] $\pm 1/32$
 $XXX = \pm .005$ [0.13] ANGLES $\pm 1^\circ$

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] = $\pm 5\%$ / -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 SENSOR 5 PIN B CODE FEMALE 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-M125BF-PG9F-L	A