

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	10/23/2024	DMAY	DGUTTADAURO

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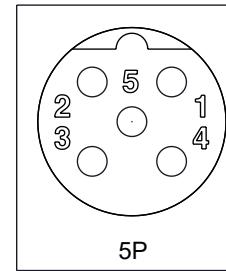
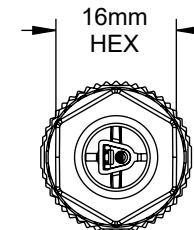
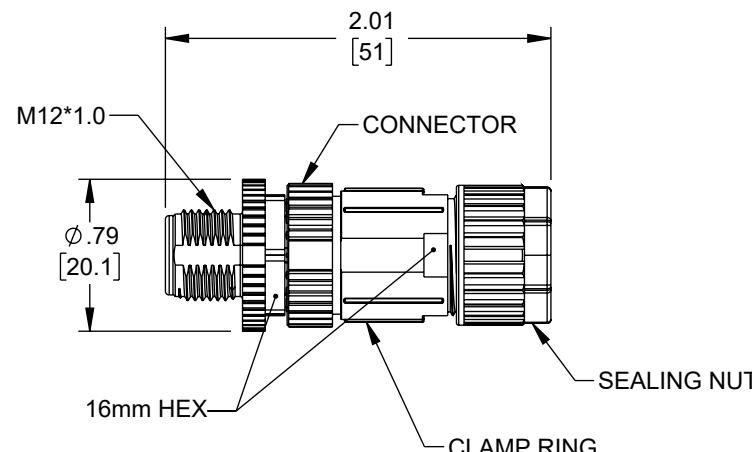
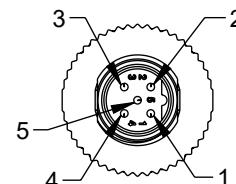
NOTES:

- [QC] IMPORTANT DIMENSION.**
- WATERPROOF RATE: IP67, MATED
- CONNECTOR:
 - HOUSING: THERMOPLASTIC, BLACK
 - PIN: COPPER ALLOY, GOLD PLATED
 - EXTENSION NUT: THERMOPLASTIC, BLACK
 - O-RING: RUBBER, GRAY
 - NUT: METAL
- CLAMP RING: THERMOPLASTIC, BLACK
- SEALING NUT: THERMOPLASTIC, BLACK
- SEAL: RUBBER, GRAY, OD: $\phi 4\text{mm} \sim \phi 8\text{mm}$
- ONE SET UNASSEMBLED IN ONE PE BAG
- TEMPERATURE RANGE: -40°C TO $+105^\circ\text{C}$
- OPERATING VOLTAGE: 60V
- NOMINAL CURRENT: 4A

REGULATORY COMPLIANCE:

EU RoHS DIRECTIVE (MOST RECENT RELEASED VERSION).

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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 MALE FIELD TERMINATION
CONNECTOR, IP67, FITS 18-26AWG AND 4-8mm CABLE, 60V, 4A,
SCREW-IN STYLE, BLACK

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	M12FT5BM	A