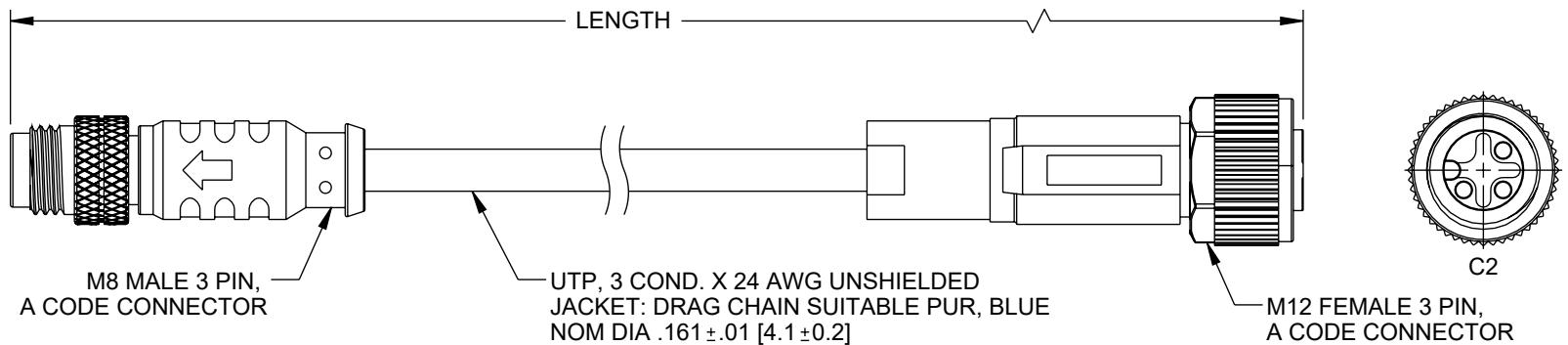
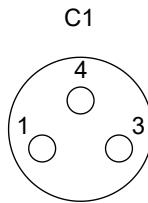


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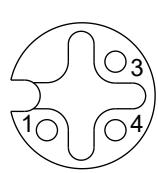
REVISION		DESCRIPTION	DATE	CHANGED BY	APPROVED
ZONE	REV	INITIAL RELEASE	09/26/2023	VTHANGARAJ	GUTTADAURO
	A				



C1

PIN ASSIGNMENTS  
FRONT VIEW

C2

PIN ASSIGNMENTS  
FRONT VIEW

## NOTES:

## ELECTRICAL:

- NOMINAL VOLTAGE: 300V
- OPERATING VOLTAGE: 60V DC MAX.
- OPERATING CURRENT PER CONTACT: 0.5A MAX.

## APPLICATION:

- INGRESS PROTECTION RATING IS IP67 (MATED)
- RECOMMENDED TORQUE VALUE: 0.6 Nm
- BEND RADIUS FIXED: 32.8 mm MIN.
- BEND RADIUS MOBILE: 61.5 mm MIN.
- TORSION STRESS: ±180°/meter.

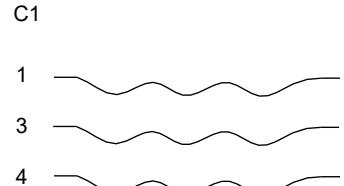
## ENVIRONMENTAL:

- TEMPERATURE RANGE FIXED: -25°C TO +80°C
- TEMPERATURE RANGE MOBILE: -25°C TO +70°C
- CABLE JACKET RESISTANCE: OIL
- CABLE JACKET FLAME RATING: HB (UL 94).

## MISCELLANEOUS

- CABLE ASSEMBLY TO BE TESTED FOR CONTINUITY.
- CABLE ASSEMBLY SHALL BE INDIVIDUALLY PACKAGED.

## WIRING MAP



## C2 WIRE COLOR

1	BROWN
3	BLUE
4	BLACK

ITEM NUMBER	LENGTH METERS [FEET]	TOLERANCE INCH [mm]
TR8GA320-P4L-05M	0.5 [1.64]	+ 1.38 [35] - 0.59 [15]
TR8GA320-P4L-1M	1.0 [3.28]	+ 1.38 [35] - 0.79 [20]
TR8GA320-P4L-2M	2.0 [6.56]	+ 1.38 [35] - 1.18 [30]
TR8GA320-P4L-3M	3.0 [9.84]	+ 1.38 [35] - 1.18 [30]
TR8GA320-P4L-5M	5.0 [16.4]	±2.36 [±60]
TR8GA320-P4L-10M	10.0 [32.8]	±2.36 [±60]
TR8GA320-P4L-15M	15.0 [49.2]	±3.15 [±80]

UNLESS OTHERWISE SPECIFIED,  
DIMENSIONS ARE IN INCHES [mm]

OVERALL CABLE LENGTH TOLERANCE:

≤12 [305] = +1 [25] / -0

&gt;12 [305] ≤60 [1524] = +2 [51] / -0

&gt;60 [1524] ≤120 [3048] = +4 [102] / -0

&gt;120 [3048] ≤300 [7620] = +6 [152] / -0

&gt;300 [7620] = +5% / -0

ALL OTHER DIMENSIONAL TOLERANCES:

.X = ± .2 [5]

.XX = ± .02 [5]

.XXX = ± .005 [1.3]

FRACTIONS  
± 1/32  
ANGLES ± 1°

## APPROVALS

DATE

DRAWN BY

CHECKED BY

APPROVED BY

09/26/2023

09/26/2023

09/26/2023



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## CATEGORY

TELECOM/MODULAR

CONFIGURATION DETAILS OF  
UNDIMENSIONED FEATURES  
MAY VARY

## PRODUCT DESCRIPTION

M8 3 POSITION MALE TO M12 3 POSITION FEMALE IP67 A-CODE  
CABLE ASSEMBLY, UNSHIELDED 24AWG PUR JACKET, BLUE

## SIZE

A

43321

TR8GA320-P4L

REV.

A

## CAGE CODE

43321

TR8GA320-P4L

REV.

A

## ITEM NO.

TR8GA320-P4L

REV.

A

SHEET 1 OF 1