

REVISION

ZONE	REV	DESCRIPTION	DATE	CHANGED BY	APPROVED
	A	INITIAL RELEASE	01/20/2025	DMAY	DGUTTADAURO

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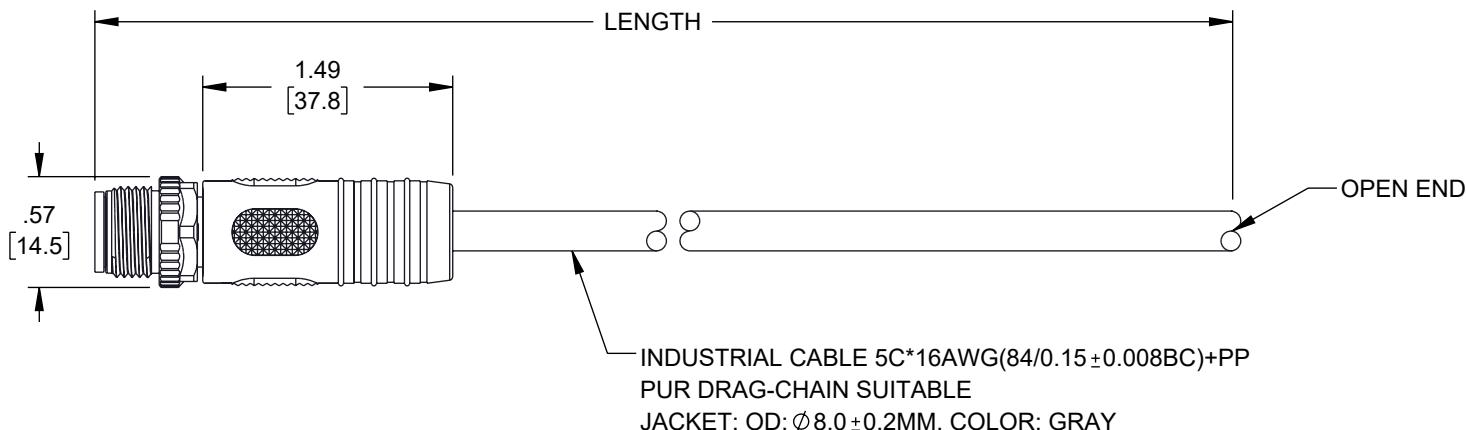
B

B

A

A

P1
M12 MALE
K-CODED 5PIN
CONNECTOR



NOTES:

- ELECTRICAL:
OPERATING VOLTAGE: 300V AC
CONTACT RESISTANCE: 30 mOHM MAX
OPERATING CURRENT PER CONTACT: 12A MAX
- APPLICATION:
INGRESS PROTECTION RATING IS IP67 (MATED)
RECOMMENDED TORQUE VALUE: 0.6 Nm
BEND RADIUS FIXED: MIN.8 X OUTER DIAMETER
BEND RADIUS MOBILE: MIN.15 X OUTER DIAMETER
TORSION SUPPORTED: 500,000 TIMES
DRAGCHAIN CAPABLE: 3,000,000 TIMES
- 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.

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

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CONNECTION DIAGRAM

P1	OPEN
1	BROWN
2	WHITE
3	BLUE
4	BLACK
FE	GRAY

ITEM NUMBER	LENGTH [TOL.]	
	METERS [mm]	FEET [in]
TRGK504S-P6G-1M	1.0 [+35/-20]	3.28 [+1.38/-0.79]
TRGK504S-P6G-5M	5.0 [+60]	16.40 [+2.36]

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 SHEET
NONE 1 OF 1

DESCRIPTION
M12 5 POSITION IP67 K-CODE AC POWER SHIELDED PIGTAIL
CABLE ASSEMBLY, 16AWG 600V 16A, INDUSTRIAL DRAG CHAIN
PUR, MALE TO OPEN, GRAY

SIZE	CAGE CODE	DRAWN BY	ITEM NO.	REV
A	43321	DMAY	TRGK504S-P6G	A