

4

3

2

1

LENGTH TABLE	
PART NUMBER	LENGTH (METERS)
AT04GY-08PA-N-TPE-M1	1 (3.28FT)
AT04GY-08PA-N-TPE-M2	2 (6.56FT)
AT04GY-08PA-N-TPE-M4	4 (13.12FT)
AT04GY-08PA-N-TPE-M5	5 (16.40FT)
AT04GY-08PA-N-TPE-M10	10 (32.80FT)

CONNECTOR TYPE
AT - Amphenol AT Connector
PLEASE CONTACT CSR FOR ADDITIONAL AVAILABLE OPTIONS

DESIGN

04 Male Connector
06 Female Connector

POSITIONS

2 2 Pin
3 3 Pin
4 4 Pin
6 6 Pin
8 8 Pin
12 12 Pin

DESIGN

5 Female Connector
P Male Connector

COLORS

GY - GRAY
BK - BLACK
BN - BROWN
YL - YELLOW
RD - RED
GN - GREEN
WT - WHITE
BL - BLUE
ORG - ORANGE

NOTE: 8 & 12 WAY ARE ONLY AVAILABLE IN STANDARD KEY/COLOR CONFIGURATIONS.

KEY A - GRAY
KEY B - BLACK
KEY C - GREEN
KEY D - BROWN

AT04GY-08PA-N-TPE-M2

CABLE LENGTH (M = METERS)
1 = 1M
2 = 2M
4 = 4M
5 = 5M
10 = 10M
CUSTOM CABLE LENGTH OPTIONS AVAILABLE. CONTACT CSR.

CABLE TYPE
TPE - TPE, BLACK

LED/SUPPRESSOR CIRCUIT
N - NONE
S - LED/SUPPRESSOR DIODE(2POSITION)

FACE VIEW

1.3in [33mm]

2.6in [65mm]

1in REF

1.1in [27mm]

LENGTH (Mx)

2in [51mm]

1/4in [6.3mm]

.33in [REF]

AT04GY-08PA-N-TPE-M()
() METERS
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WIRING DIAGRAM

1 BLACK 18AWG

2 WHITE 18AWG

3 BROWN 18AWG

4 RED 18AWG

5 ORANGE 18AWG

6 YELLOW 18AWG

7 GREEN 18AWG

8 BLUE 18AWG

BEFORE OVERMOLD

AFTER OVERMOLD

NOTES: UNLESS OTHERWISE SPECIFIED

1. MATERIAL:
HOUSING: PA66
SEAL: SILICONE RUBBER

2. MODIFICATIONS: OVERMOLDED

3. SPECIFICATIONS:
3.1 CURRENT RATING: 10AMPS - 300V AC/DC
3.2 OVERMOLDED ASY OPERATING TEMPERATURE: -40C TO +100C
3.3 CONTACTS: COPPER ALLOY, NICKEL-PLATED
3.4 DIELECTRIC WITHSTANDING VOLTAGE: LESS THAN 2 MILLIAMPS CURRENT LEAKAGE @ 1500 VOLTS AC.
3.5 INSULATION RESISTANCE: 1000 MEGAOHMS MIN @ 25C
3.6 MOISTURE RESISTANCE: IP68 MATED CONDITION (1M OF WATER FOR 24 HOURS).
3.7 MATING CYCLE DURABILITY: 100 CYCLES
3.8 RoHS COMPLIANT

4. CABLE SPECIFICATIONS:
COMPONENTS: EIGHT 18AWG, SRPVC INSULATED CONDUCTORS 41/34 BARE COPPER.
CONDUCTOR INSULATION: SRPVC (SEE COLOR CODE)
CABLING: 8 CONDUCTORS CABLED TOGETHER WITH FRPP FILLERS.
BINDER: FLEECE TAPE
JACKET: TPE, BLACK
PRINT: AMPHENOL SINE SYSTEMS KA-56764-8 8C 18AWG (UL FILE NUMBER) RU AWM 21270 105C 600V --- (CSA FILE NUMBER) CSA AWM I/II A/B -40C TO +105C 600V FT4
APPROVALS: AWM 21270, CSA AWM I/II A/B FT4, SUNLIGHT RESISTANT, OIL RESISTANT, MATERIALS ARE RoHS 3 COMPLIANT.

5. MATING PART: AT06-08S* PLUG
(* = MODIFICATIONS AND COLORS)

6. ALL DIMENSIONS ARE FOR REFERENCE USE ONLY.

QUANTITY

PART NUMBER

DESCRIPTION

ITEM

UNLESS OTHERWISE SPECIFIED

1) All dimensions are in metric(mm).
2) Tolerances are as follows:
1 PL DEC ±0.30
2 PL DEC ±0.15
3 PL DEC ±0.08

Fractions ±1/64
Angles ±1°

3) Note reference =

MATERIAL SPECIFICATIONS:

PROCESS SPECIFICATIONS:

NEXT ASSY:

SIGNATURES

DATE

DRAWN: RO 11/5/2020

CHECKED: WS 1/15/2021

ENGINEER: RO

APPROVAL: WS 1/15/2021

CUSTOMER:

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Amphenol

Sine Systems - www.amphenol-sine.com
44724 Morley Drive
Clinton Township, MI 48036

8 POSITION RECEPTACLE MOLDED, BLACK TPE, SIZE 16 PIN, SINGLE-ENDED CABLE ASSEMBLY, AMPHENOL AT CONNECTOR AT04-08PA

SIZE C C- AT04GY-08PA-N-TPE-Mx A2

SCALE: NONE AT04-08PA-N-TPE-Mx SHEET 1 OF 1

REVISION