

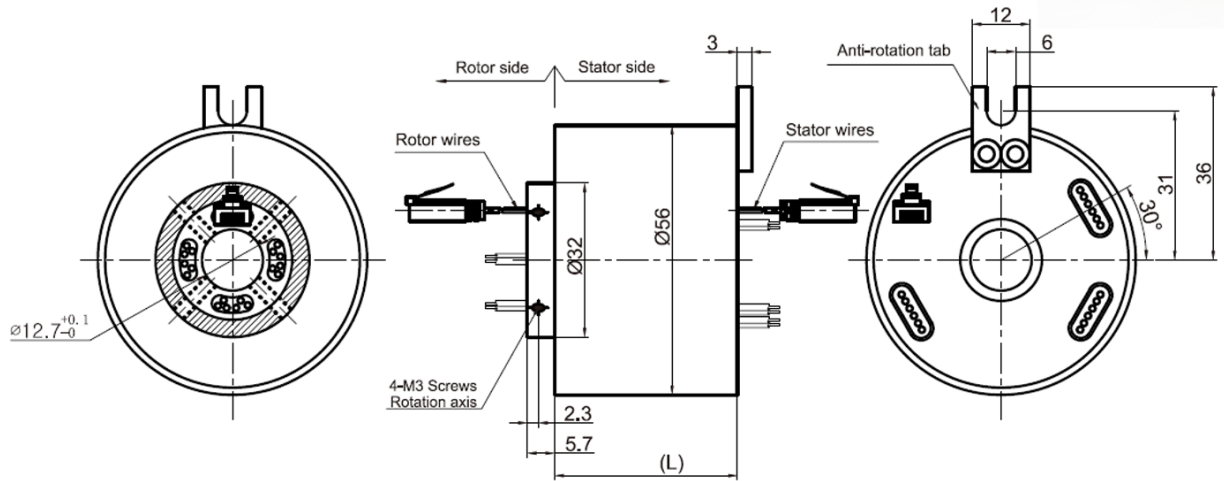
CTH1256-Ethernet support 2 channels 1000M ethernet slip rings, with through bore size 12.7mm[0.5»], overall diameter 56mm, are standard, off-the-shelf, Color-coded lead wires are used on both the stator and rotor for simplified electrical connections.

1 channel 1000M Ethernet+ 1-16 power and signal channel

Technical Data

Modele	1000M Ethernet	Lenght mm	Circuits			Lead Length mm
			Signal 5A	10A	20A	
CTH1256S-00P/04S	1	54,8	4	0	0	300
CTH1256S-04P/00S	1	54,8	0	4	0	300
CTH1256S-00P/10S	1	71,5	10	0	4	300
CTH1256S-02P/08S	1	71,5	8	2	0	300
CTH1256S-04P/06S	1	71,5	6	4	0	300
CTH1256S-06P/04S	1	71,5	4	6	0	300
CTH1256S-10P/00S	1	71,5	0	10	0	300
CTH1256S-00P/16S	1	88,4	16	0	0	300
CTH1256S-02P/14S	1	88,4	14	2	0	300
CTH1256S-04P/12S	1	88,4	12	4	0	300
CTH1256S-06P/10S	1	88,4	10	6	0	300
CTH1256S-08P/08S	1	88,4	8	8	0	300
CTH1256S-10P/06S	1	88,4	6	10	0	300
CTH1256S-12P/04S	1	88,4	4	12	0	300
CTH1256S-00P/22S	1	105,2	22	0	0	300
CTH1256S-00P/28S	1	125	28	0	0	300
CTH1256S-00P/34S	1	141,8	34	0	0	300

DRAWING



Dimensions in mm

LEAD WIRES COLOR CODE

Ring	1	2	3	4	5	6	7	8	9	10	11	12
Color	BLK	RED	YEL	GRN	BLU	WHT	BLK	RED	YEL	GRN	BLU	WHT

SPECIFICATIONS

ELECTRICAL DATA

Parameter	Power	Signal
Rated Voltage	0~440VAC/VDC	0~440VAC/VDC
Insulation Resistance	$\geq 1000M\Omega / 500VDC$	$\geq 1000M\Omega / 500VDC$
Lead Wires	AWG16#Teflon/PVC/Silicon	AWG22#Teflon
Lead Length	Standard 300mm (adjustable)	
Insulation Strength	800VAC@50Hz, 60s	
Electrical Noise	<0,01Q	

MECHANICAL DATA

Parameter	Power	Signal
Working Life	See Product Quality Level Table	
Rotating Speed	See Product Quality Level Table	
Working Temperature	-30°C~80°C	
Operating Humidity	0~85% RH	
Contact Material	See Product Quality Level Table	
Housing Material	Aluminium Alloy	
Torque	0,1Nm; +0,03Nm/Grings	
Protection Grade	IP51	

PRODUCT QUALITY LEVEL TABLE

Products Level Code	Max Rotating Speed	Working Life	Contact Material
S	150RPM	20 Million Revs	Precious Metal
I	600RPM	80 Million Revs	Gold-plated

PART NUMBER COMPOSITION

CTH 1256S - xxP/yyS - 00000 - 01ETH

① ② ③ ④ ⑤ ⑥ ⑦ ⑧ ⑨ ⑩

- ① Inner Dia
- ② Outer Dia
- ③ Quality Level
S = Standard
I = Industrial
H = High level

- ④ Number of power wires
- ⑤ Number of signal wires
- ⑥ Flange
00
01
..07

- ⑦ Flange Position
0 = No Flange
R = Rotor
I = Interior
S = Stator

- ⑧ Rotor cable length
0 = 300mm
1 = 600mm
2 = 1200mm
X = Custom
- ⑨ Stator cable length
0 = 300mm
1 = 600mm
2 = 1200mm
X = Custom

- ⑩ Special Options
01CAN = CanOpen
01ECT = Ethercat
01PRO = Profibus
01ETH = Giga Ethernet
IP65 = IP65
IP68 = IP68

In accordance with our policy of continual product improvement, A2V reserves the right to amend the specification of these products without prior notification