

# H Series Miniature Slip Rings

The H Series provides a flexible, cost effective, high quality solutions for video and digital signals with up to 36 circuit ways. Designed for medium to high volume applications, the H Series incorporates special design features to ensure the product continues to perform to the specification over its entire lifetime.

The H Series is available in many standard configurations and can be easily adapted to meet the needs of particular applications.

For even higher performance in a small volume the H+ Series offers the ability to pass up to 6A through a single slip ring circuit and avoiding the need for wiring slip ring circuits in parallel.

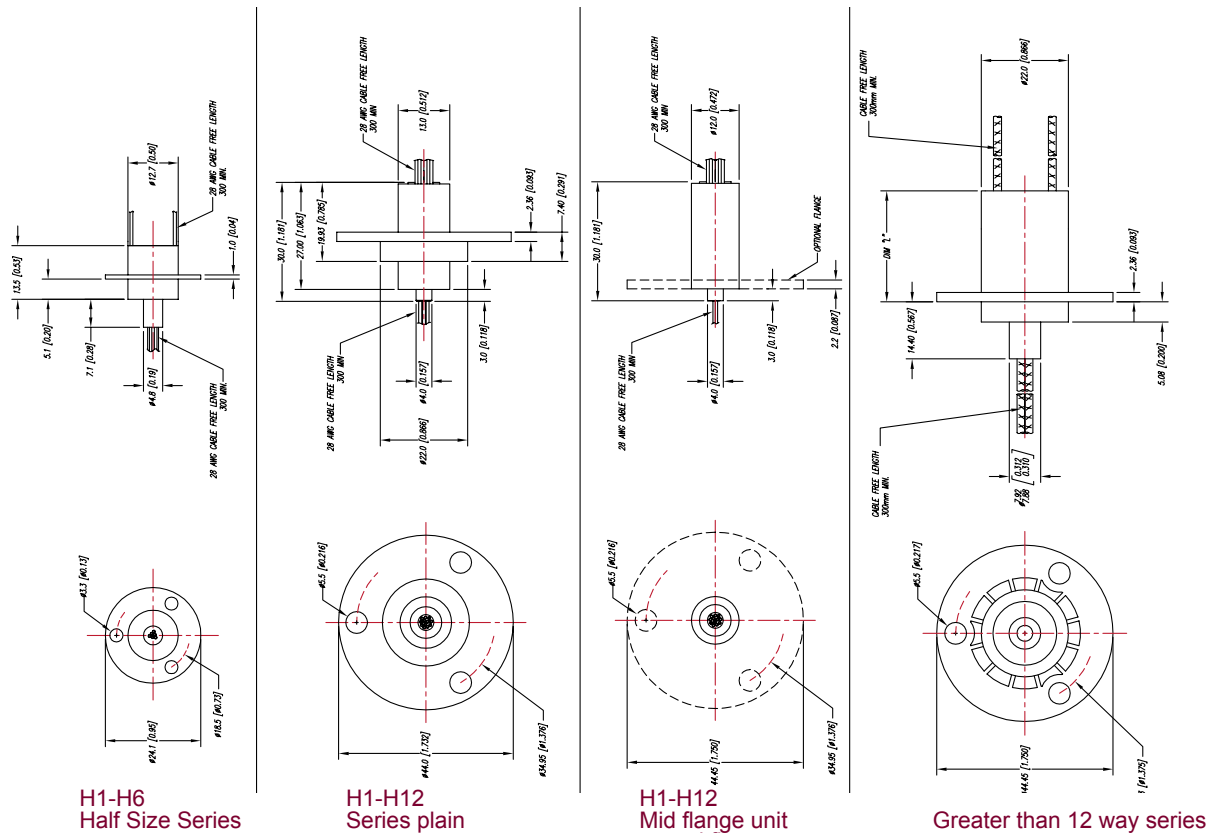
## TYPICAL USES INCLUDE:

- **CCTV PAN/TILT CAMERAS AND PEDESTALS**
- **ROBOTS AND PIPE INSPECTION UNITS, CABLE DRUMS AND WINDERS**
- **TEST AND MEASURING EQUIPMENT**
- **MANUFACTURING AND PROCESS CONTROLS**
- **COMPUTER PERIPHERALS**
- **MEDICAL EQUIPMENT**



# H Series

## Miniature Slip Rings



Note: All measurements shown are in inches (mm). Specifications subject to change without notice.

### MAXIMUM CURRENT PER CIRCUIT

Gold on Gold contacts

12 ways: -2 Amps/210 Vdc/240 Vac circuits  
 < 12 ways: 2 Amps/210 Vdc/240 Vac circuits  
 6 Amps/210 Vdc/240 Vac circuits

### INSULATION RESISTANCE

200M at 500 Volts dc

### OPERATING TEMPERATURE RANGE

-20°C to +90°C

### MAXIMUM SPEED \*(SEE BELOW)

Up to 500 rpm continuous rotation

### STANDARD LEAD LENGTHS

300mm (other lengths on request)

### MOUNTING METHOD

12 ways: Clamp on external diameter, end or mid Flange  
 < 12 ways: Flanged as standard

### CABLES

Colour coded, silver plated, 28 AWG, ETFE insulated lead wires.

### BEARINGS

Precision ball bearings fitted

PART NO.	UNIT TYPE	# SIGNAL CIRCUITS @ 2A	# POWER CIRCUITS @ 6A	DIAMETER [MM]	LENGTH [MM]
80055-950	H6	6	0	12	30
H0611-950	H6	6	0	12.7	13.5
80055-951	H12	12	0	12	30
80055-956	H18	18	0	22	28
80055-957	H18+	18	4	22	44
80055-958	H24	24	0	22	35
80055-959	H24+	24	4	22	52
80055-960	H36	36	0	22	52