

# SLIP RING COLLECTOR

Explosion Protected Group IIB Zone 1

Exd Ring Enclosure

Exe Terminal Boxes

**IECEX**

## OPERATING SPECIFICATION

Ambient Temperature Range	-40°C to +50°C
Maximum Speed	20rpm (higher on request)
Maximum Voltage	up to 1.25kV
Maximum Current	1650 amps
Protection	IP66

## TECHNICAL DETAILS

Housing Material	Steel or Stainless Steel
Shaft	Carbon Steel
Bearings	Sealed for life ball journal
Slip Rings	Phosphor bronze (precious metal plated for signals)
Brushes	Minimum of 2 per ring (Copper Graphite for power, Silver Graphite for signals)
Fasteners	Stainless Steel metric

## OPTIONS

- ❖ Mounting flange / brackets to Customer's requirements
- ❖ Anti-condensation heater (self regulating)
- ❖ Hollow shaft
- ❖ Stainless Steel construction
- ❖ Special features to handle I.S. circuits

## APPROVAL

Certification:  
 IECEx BAS 09.0099  
 II 2 G CE 1180  
 Code Exde IIB T4 (T amb = -40°C to +50°C) Zones 1 & 2  
 To IEC60079-0 IEC60079-1 IEC60079-7

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