

## Specifications

### Mechanical Characteristics:

Speed without sealing: max 12.000 min (continuous operation max 1.500 min)  
 Speed with sealing: max 6.000 min (continuous max 1.500 min)  
 Rotor moment of inertia: approximately 6 x 10-6k gm<sup>2</sup>  
 Starting torque without sealing: < 0,01 Nm  
 Starting torque with sealing: <0,05 Nm  
 Protection: EN60529 without sealing IP40;  
 EN60529 with sealing IP68

### Material Characteristics:

IP67

### Shock Resistant:

2.000 m/s<sup>2</sup>, 6 ms

### Vibration Resistant:

100 m/s<sup>2</sup>, 10 ... 2.000 Hz

### Electrical Characteristics:

Output circuit: TTL-compatible  
 Supply voltage: push-pull 10 to 30VDC or 5 to 30 FDC  
 Power consumption (no load); push-pull type  
 55 mA,  
 max 125 mA (without inverted signals)  
 Permissible load/channel: push-pull - ± 30 mA  
 Pulse frequency: 300 kHz max  
 Signal level high: push-pull U<sub>b</sub>-3V  
 Signal level low: push-pull 2,5V or 1,5V  
 Rise/Fall time: push-pull 1 µs

### Dimensions:

58 x 40,4 mm

### Protection:

IP66

### Operating Temperature:

Without sealing: -20° C to 90° C  
 Sealed: -20° C to 85° C

### Shaft:

N/A



## Standard Features

- Stainless steel speed sensor
- Direct coupling to conveyor tail pulley
- Low-profile 42mm package design

## Part Number/Price

Part #	Description	Est. Weight	Price
157686	Speed pickup, SPU5826-0100; 100 ppr	0,4 kg	Consult
157687	Speed pickup, SPU5826-1000; 1000 ppr	0,4 kg	Consult

*Through-shaft design*