

1 4 X X - 0 5 X R - X X X X

Shaft Size	Connection	Speed (RPM)
20 = 20 mm	1 = 2m cable	4mA = 0 RPM
25 = 25 mm	attached to 4 pin	20mA = Max RPM
30 = 30 mm	F = 9412 4-pin	
35 = 35 mm	plug & socket	
40 = 40 mm		

Rated RPM: Min 300, Max 3000

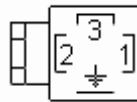


### Technical Data

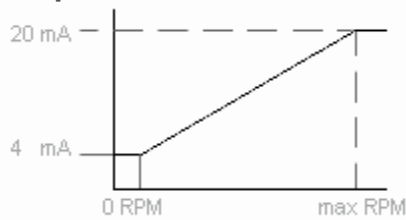
Operating temp:	- 20 ...+ 60 degrees C - 4 ...+ 140 degrees F
Weight:	39 oz (1.1 kg)
Protection:	IP 64S, NEMA 3
Housing:	Die Cast Zinc Alloy
Shaft:	Aluminum
Bearings:	2 x 6805 ZZ
Torque:	0.4 oz/in (3 N-cm)
Humidity:	Up to 98% permissible
Max Speed:	3000 RPM max.
Shaft load:	Supports its own weight
Precision:	
	0 rpm = +/- 0.05mA
	1 rpm to max rpm = +/- 0.2 mA

### Connection Options

	9412	Cable
+ Loop	1	Red
- Loop	2	Black



### Output



## Certifications

Best suited to work with the following isolators: [MTL5541](#)

IP 64 S

ATEX [Certificate]

## Mounting Instructions

Mount fixture to the machine with three screws and three washers, M6 or 1/4". Slide the encoder onto the shaft. With the setscrews, tighten the hollow shaft encoder onto the shaft with a minimum clearance of 1/16" between fixture and encoder. This assembly allows the shaft to float and increases the lifetime of the bearings. Connect the encoder as per wiring specifications. Make sure power supply is within the proper voltage and current rating. Encoder can be mounted with the setscrew on the machine side or on the opposite side for either CW or CCW. See datasheet for CW and CCW directions of the outputs.

Technical data for mount: 1/8" stainless steel wire

## Dimensions

