

SPU5020

Speed Pickup



Standard Features

- Reliable mounting in wide variety of installation situations
- Standard encoder for use worldwide
- Sturdy (Safety-lock™) design bearing structure
- Resistant die-cast housing

Part Number/Price

Part #	Description	Est. Weight	Price
157682	Speed pickup, SPU5020-0100; 100ppr	0,4 kg	Consult
157683	Speed pickup, SPU5020-0500; 500ppr	0,4 kg	Consult
157684	Speed pickup, SPU5020-0100C; 100ppr anti-corrosion protection	0,4 kg	Consult
157685	Speed pickup, SPU5020-0100-M12; 100ppr M12 connector	0,4 kg	Consult
160155	Speed pickup, SPU5020-0100-ATEX; 100 ppr ATEX approval	0,4 kg	Consult

Specifications

Material Characteristics:

IP67

Rotor Moment of Inertia:

Shaft version: approx. 1,8 x 10⁻⁶ kgm²

Hollow shaft version: approx. 6 x 10⁻⁶ kgm²

Radial load capacity shaft: 80N

Axial load capacity shaft: 40N

CE Requirements:

EN61000-6-4, EN61000-6-4, and EN61000-6-3

Operating Temperature:

-40° C to 85° C

Connection:

M23 or M12 connector

Electrical Characteristics:

Output circuit: TTL compatible

Supply voltage: push-pull 10 50 30VDC (or 7272 - 5 to 30VDC)

Power consumption: push-pull 50 mA to 100 mA

Permissible load/channel: ±20 MA to 300 kHz

Signal level high: push-pull min UB-1V (7272-UB-2.0V)

Rise time/fall time : push-pull max 1 µs

Dimensions:

OD 50,8 mm, installation depth max 47 mm

Shaft:

N/A

Warranty:

One-year limited warranty