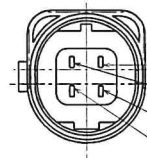


Electrical

Supply Voltage	4.0 VDC Minimum 24.0 VDC Maximum
Supply Current	8.5 mA Nominal
Overvoltage Protection	28 VDC Maximum
Reverse Battery Protection	-18 VDC Maximum

Connector Pin Out

Connector header FEP 42068400



- Pin 1 = Signal OUTA
- Pin 2 = Power Vcc
- Pin 3 = Ground
- Pin 4 = Signal OUTB

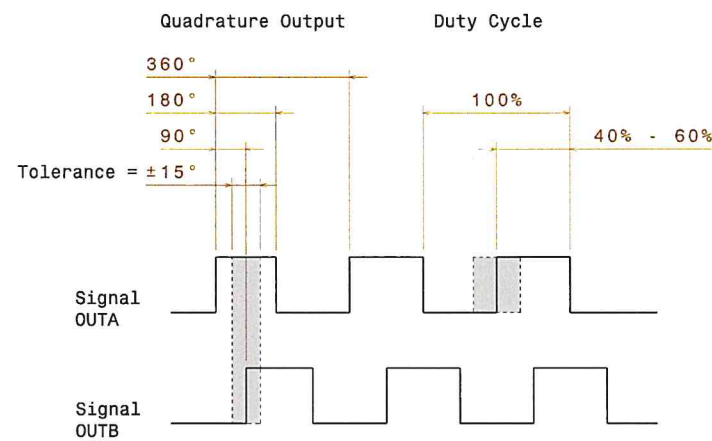
Physical

Materials	
1. Housing	PX234HT, black
2. Terminal Contact	Gold
3. Encapsulant	Epoxy, Black
4. O-Ring	FKM, Black
5. Bolt Insert	Brass
Maximum Air Gap	0.90 mm
Target Speed	20,000 RPM Maximum (with a 36 tooth target)
Temperature Rating	-40°C Min./ 125°C (150°C extended)
Fits with Interface	P10-015-000 01

Identification

- Sensor identification to include:
1. Part No.
 2. 2 Digit ID Number

Output Signals



Signal represents a counter-clockwise rotation (as viewed left of this drawing) of a 36 tooth target with a 0.75mm air gap to the sensor housing.

03	G6: Target speed was 17.000 RPM				14.07.18	MG	
02	Drawing frame updated. Name swoboda technologies was hartmann sensors-mechatronik. H8/B: View turned c/w. Pin numbers updated. H4: Text "with a 36 tooth target" added. E9: 2,5x0,2 was 2,5x0,1. E11: Height 27,5x0,2 removed. Height 7x0,1 added. D10: Position tolerance 0,2 was 0,2.				04.07.18	BL	
01	Poka Yoke added.				03.04.18	BL	
Aend. rll Index/ Modif. with Index	Aend. ohne Index/ Modif. without Index	Bemerkung / Comment			Antrag-Nr./ Request-No.	Datum/ Date	Name
Daten/Specified Data							
Datum/ Date		Maßblatt/Scale 1:1		<div>A</div> <div>Bestand mit basistauer/ Argbilvermer/ Document with special marking</div>	Besondere Vermerk/ Special character. -C<0> 0 -C<1> 0 -C<1> 0	ISO E	<div>Maßblatt/ Data Sheet</div> <div>Benennung/Part name Speedsensor</div>
Gez/ Drawn	22.03.18	Kundener./Customer No. : ..					
Gepr/ Checked	22.03.18	rll		Volumen/ volume:		<div>ISO E</div> <div>ISO E</div>	Benennung/Part name Speedsensor
Name Approved		Gewicht/ weight:		Volumen/ volume:			
Technical four view tolerances Maß- und Toleranz nach: Anmerkung: Alle Maß- angaben sind in mm Tolerances of form and finish with no indication of tolerances etc.				Dimensional tolerances for materials according to ISO 2768-AS		Drig. A1 CAD	Nr. : Index: P10-015-700 03
swoboda				technologies			
Swoboda KG 73614 Schorndorf/Germany							