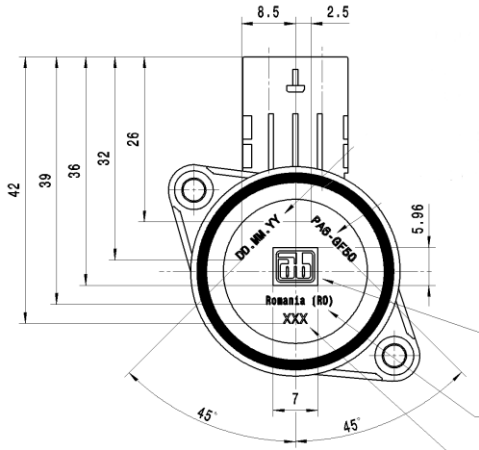
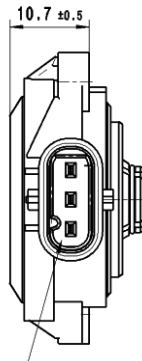


Position Sensor (Hall) 9102000020



<div>Connector</div> <div><div>Steckerbelegung</div><div>Pin assigment connector</div><div><div><div><div></div><div></div><div></div></div><div>1</div><div>2</div><div>3</div></div><div>1 = Vdd + 2 = Signal 3 = GND -</div></div></div>	<div>Dimensions</div> <div></div>			<div></div>	
<div>Supply</div>	<div>(5.0 ± 0.5) V</div>	<div>Output – voltage range</div>	<div>(0.5...4.5) V</div>	<div>Sealing grade</div>	<div>In mounted state: IPX9K</div>
<div>Temperature range</div>	<div>(-40...+125) °C</div>	<div>Angle range</div>	<div>60°</div>	<div>Output signal</div>	<div>Analogue</div>
<div>Connector</div>	<div>Hirschmann device plug 3-pole, coding A, Female connector on request</div>	<div>Independent linearity</div>	<div>±2 %V_{dd}</div>	<div>Life time (typical)</div>	<div>> 1 mill. cycles</div>

<div>Angle range (degrees)</div> <div><div><div><div><div></div><div></div><div></div></div><div>U[V]</div><div>4.5±0.15</div><div>2.5±0.15</div><div>0.5±0.15</div></div><div><div><div></div><div></div><div></div></div><div>-30</div><div>0</div><div>+30</div></div><div><div><div></div><div></div><div></div></div><div>Kennlinie</div><div>Characteristics</div><div>V_{dd}=5V</div><div>Drehwinkel [°]</div><div>Angle of rotation [°]</div></div><div><div>Die Werte der Kennlinie gelten nur bei: 1. Raumtemperatur (RT=23°C) 2. Rotor zentrisch im Gehäuse (Rechtwinkeligkeit 0,05/Koaxialitaet 0,2) The values of the characteristics apply only: 1. Ambient temperature (RT=23°C) 2. Rotor centrically in the housing (perpendicularity 0,05/concentricity 0,2)</div></div></div></div>	<div>Direction</div> <div><div><div><div><div></div><div></div><div></div></div><div>0°</div><div>+30°</div><div>-30°</div><div>60.4°</div></div><div><div><div></div><div></div><div></div></div><div>Z</div><div>Befestigungsachse</div></div></div></div>
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