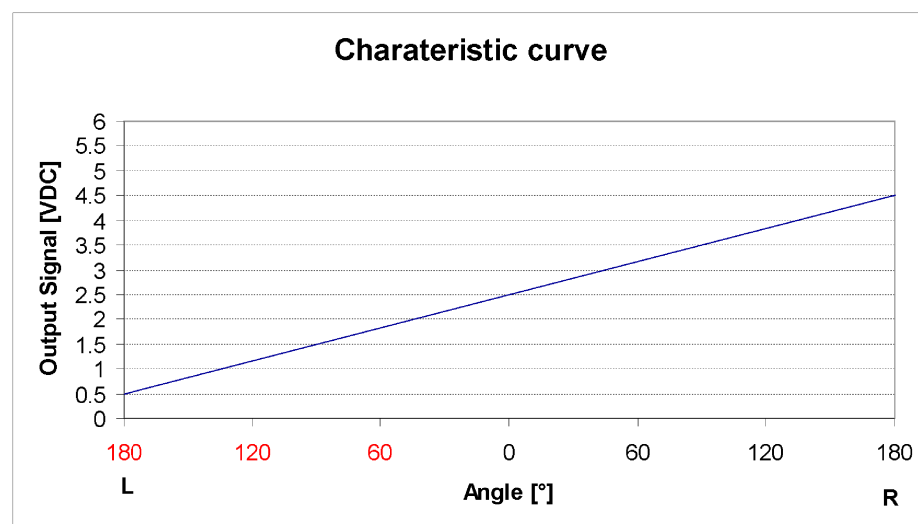
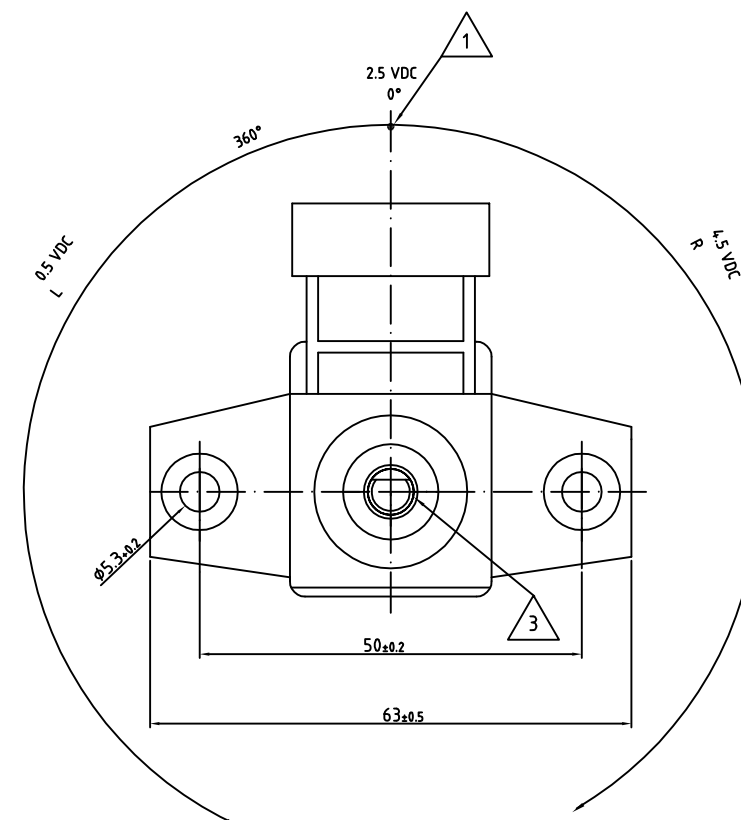
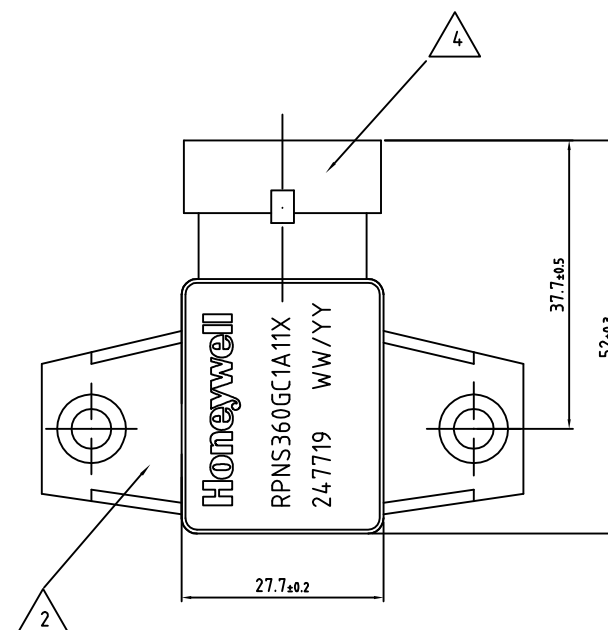


HONEYWELL
PART NUMBER
RPNS360GC1A11X

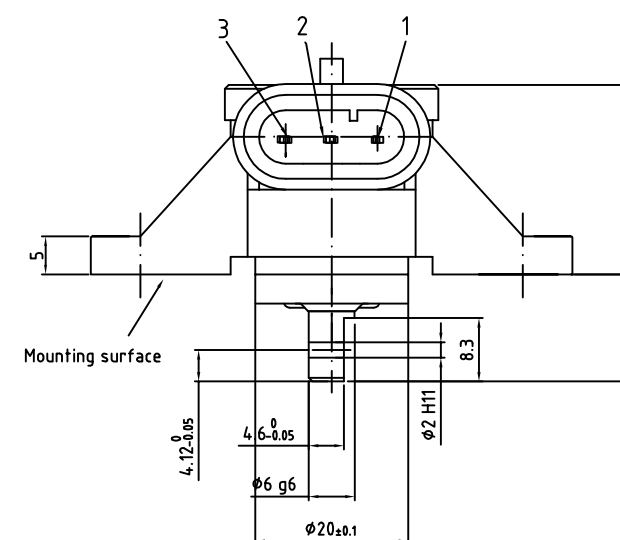
REV	CHANGE DOCUMENT	CHANGED BY	CHECK
A	0040247	VS 23JUN08	BLR

Technical Data	
Function	Angular Sensor
Sensor principle	Contact-free, Hall effect
Measuring range	360°
Mechanical end stop	None
Supply voltage	5 VDC
Current consumption max.	20 mA
Output signal	
Angle f°	Output signal
L (180°)	0.5 VDC
0°	2.5 VDC
R (180°)	4.5 VDC
Delay of the output signal	approx. 3 ms
Reverse polarity protection	No
Output	24h short-circuit proof
EMC	200V/m acc. to ISO 11452-3
Ambient conditions	
Operating temperature:	- 40°C bis + 85°C
Temperature range (storage)	- 40°C bis + 125°C
protection class	IP67 acc. to DIN 40050
Tightening torque of the mounting screw max.	2,5 Nm ± 0,5 Nm
Accuracy	±1.6%
Hysteresis	None
Linearity	±2°
Cycles of rotation	30 x 10 ⁶ cycles

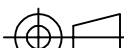


ø6	q6	-0.004 -0.012	5.996 5.988
ø2	H11	+0.06 0	2.06 2
Dimension	Tolerance		

- | | |
|---|--|
|  | Zero point |
|  | Housing Material
PA66 |
|  | Shaft Material
Stainless Steel |
|  | Tab Connector acc. to AMP
Superseal 1.5 Series 282105
Shall mate with Receptacle
Connector 282087-1 |



Pin configuration	
1	GND
2	Ub 5 VDC
3	0.5-4.5 VDC

DESIGN UNITS: MM TOLERANCES UNLESS NOTED: GEOMETRICAL TOLERANCE ACCORDING TO DIN ISO 1101 GENERAL TOLERANCES ACCORDING TO DIN 16901-130B	DRAWN	MBH	18 JUN08	Honeywell				
	CHECK	JLH	18 JUN08					
	THIS DRAWING COVERS A PROPRIETARY ITEM AND IS THE PROPERTY OF HONEYWELL. THIS DRAWING IS NOT TO BE COPIED OR USED WITHOUT THE PERMISSION OF HONEYWELL.			TITLE ANGULAR SENSOR ±180°				
	INTERPRET PER ASME Y14.5M-1994 OTHER HONEYWELL ENGINEERING STANDARDS MAY APPLY			SIZE A3	TYPE I	DRAWING NAME RPNS360GC1A11X		REV A
THIRD ANGLE PROJECTION 	AUTOCAD 2D			SCALE -		SHEET 1 OF 1		