# novotechnik <br> Siedle Group 

SENSORES E INSTRUMENTACION GUEMISA S.L.

C La Fundición 4 Bis - PI 1a Oficina-2 28522 Rivas Vaciamadrid (Madrid) Telf. 917642100 email: ventas@guemisa.com

## www.guemisa.com

The housing is made of a special high grade temperatureresistant plastic material. Fixation with brass bushings allow simplicity of mounting.

The customer's D-shaft is inserted into the shaft coupling of the sensor and also takes over the function of the bearing for the position magnet.

Despite of its compact and wear-free design the sensors are very robust against environmental influences like vibrations, temperature variations, dirt and humidity.
These sensors are suitable for use in all kinds of rough environment for example close to engines in automotive applications.

Special models with different electrical angles and contact versions are available upon request.
For mobile and automotive applications such as

- throttle
- EGR valves
- transmission gear
- accelerator


## Special features

- non-contacting, magnetic measuring principle (Hall)
- analog interface
- redundant system
- electrical range up to $360^{\circ}$
- temperature range $-40^{\circ}$ up
to $+125^{\circ} \mathrm{C}$
- simple mounting
- protection class IP6k7/IP6k9k
- long life
- very favourable price /performance ratio
- european E1 approved


## Applications

## NOVOHALL Angle Sensor non-contacting

Series RSC3200




| Description |  |
| :--- | :--- |
| Housing | high-grade, temperature-resistant plastic |
| Integrated shaft coupling | high-grade plastic |
| Electrical connections | 6-pin MQS-connector, code A, |
|  | tinned contact according to drawing |
|  | AMP-114-18063-126, Index A1 |
|  | (connector: AMP P/N 1-967616-1) |
| Sealing | O-ring |

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Output characteristic (code 2 _ 4)


Output characteristic (code 22 9)


| Connection assignment | MQS-connector |
| :--- | :--- |
| GND 2 | Pin 1 |
| GND 1 | Pin 2 |
| Supply voltage 1 | Pin 3 |
| Supply voltage 2 | Pin 4 |
| Output 2 | Pin 5 |
| Output 1 | Pin 6 |

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## Ordering specifications

## Preferred types printed in bold:

- delivery time up to 25 pcs. within 10 working days
- no low colume surcharge



## Necessary accessories

- Mating connector:
plug socket (female),
AMP P/N 1-967616-1
- Tinned contact for cable
cross-section area $0.3 . . .0 .5 \mathrm{~mm}^{2}$,
(AWG 22)
AMP P/N 963727-1 (6x),
- Single conductor sealing

AMP P/N 967067-2 (6x)

- Female Connector-Kit EEM

33-34, P/N 005666,
consisting:
1 plug socket,
6 contacts
6 single conductor sealings

