

## GEARSHIFT SENSOR AR 006

Gearshift sensor for applications on gear shafts.  
 The output voltage is proportional to the compression or extension force on the internal load cell.  
 Typical applications:  
 programmable ECU input command for cutting injection/ignition.



### Available versions:

| cod.      | range |    | overload |    | A (thread)      | B  |    |
|-----------|-------|----|----------|----|-----------------|----|----|
| AR 006    | ±100  | Kg | ±150     | Kg | M6x1 (RH/LH)    | 55 | mm |
| AR 006-M8 | ±150  | Kg | ±175     | Kg | M8x1,25 (RH/RH) | 75 | mm |

### TECHNICAL SPECIFICATION:

- ◆ Supply: 5÷24 Vdc
- ◆ Output range: 0÷5V
- ◆ Output step response: 250 Hz (to 1000 Hz)
- ◆ Max temperature: 125°C (150°C for short periods)
- ◆ Temperature compensation range: -10°C to 125°C
- ◆ Hysteresis: Better than 1%
- ◆ Linearity: Better than 1%
- ◆ Offset temperature effects: Better than 0.2%
- ◆ Span temperature effects: Better than 0.4%
- ◆ Material: Stainless Steel 17-4
- ◆ Case material: Aluminium
- ◆ Weight: ≈ 35 g
  
- ◆ Connection: AWG26 Cable length 500mm  
 RED VCC  
 BLUE GND  
 WHITE SIGNAL  
 Connector on demand
  
- ◆ Dimensions:

