# **Angle Position Sensors**

# 709-21995

Magnet carrier for use with Angle Position Sensors



# **Description**

Magnet carrier to use with angle/position sensor suitable for a measuring range up to 360°. It is specially coordinated with the ZF Hall sensors but can also be used for other position sensors. The plastic carrier housing contains a rare earth magnet.

#### **Features**

- PA 6 GF30 housing
- Samarium Cobalt 28 magnet
- RoHS compliant

**Environmental Specifications** 

Mechanical Shock Operation Temperature	Provided according to DIN EN 60068-2-31:2009 -40 °C to 140 °C (-40 °F to 284 °F)
Immersion	Tested per ISO 16750-05:2010: Engine oil and additives, Transmission and hydraulic fluid, Brake fluids, Washer solvent, Gasoline, Diesel fuel, Alcohol, Antifreeze fluid, Battery fluid, Cleaning solvent, Protective lacquer, Silicone

# **Mechanical Specifications**

Recommended Fastener	M3 Cap Screw
Recommended Torque	110 Ncm (9,74 in lbs)

### **Products**

Part Number	Description	Sensing Range
709-21995	Magnet only	N/A
ANG	Angle sensor, non- or semi redundant	0 - 360°
AN1	Angle sensor, non-redundant	5 - 85°
AN8	Angle sensor, non-redundant	0 – 360°
AN9	Angle sensor, fully redundant	0 – 360°



