



### Product information

INDUcoder ROBUST ENCODER SYSTEMS

ROBUST ENCODER AWG 102

Stainless steel housing

Through shaft

Length of housing 120 mm

Incremental or absolute Encoder

Protection class IP 67

The ROBUST ENCODER SYSTEMS AWG have been designed for applications under extreme conditions, especially in steel industry.

AWG systems are used in heavy machinery industry, in mines, on cranes, in shipbuilding- and sluice building industry as well as in food industry, chemical industry, and pharmaceutical industry.

INDUcoder has consequentially enhanced the ROBUST ENCODER SYSTEM.

The presented **AWG102** has stainless steel housing with protection class IP 67. It is equipped with a through shaft to pass the rotation to already mounted Robust Encoder systems, limit switch gear, cam switch or tacho sensor.

Due to a housing length of only 120 mm the design of the encoder is very compact. Both flanges have a diameter of 100 mm. Shaft diameter is either 10 mm or 12 mm.

Incremental encoders with a resolution up to 500,000 impulses per revolution are used as well as absolute encoders with a resolution up to 15 bit.

For use with environmental temperatures down to -40° Celsius the AWG 102 can be equipped with a heating.