



Series AWI 58

- ▶ Incremental rotary-encoder with a solid shaft diameter of 6-12 mm
- ▶ Housing diameter 58 mm, compact design and high degree of protection up to IP67
- ▶ Maximum 5.000 pulses / revolution
- ▶ For highest industrial requirements
- ▶ Also available in stainless steel for aggressive environmental conditions
- ▶ Accessories from page 78

Electrical specifications

max. pulse frequency:	100 kHz
Perm. temperature range:	-30°... +70° C
Power supply:	10 V... 30 V DC
Max. current consumption:	80 mA (without load)
Max. output load:	30 mA (per channel)
Residual ripple:	max. ± 5% UB
Power supply:	5 V DC ± 5%
Max. current consumption:	80 mA
Max. output load:	30 mA (per channel)

Mechanical specifications

Flange:	Aluminium
Housing:	Zinc die-casting
Shaft:	stainless steel
Shaft seal:	oil/salt-water resistant
Bearing:	Deep groove ball bearing
Weight:	approx 0,4 kg
Protection type:	IP 65
Max. speed:	6.000 U/min
Torque:	approx 3 Ncm
Max. shaft load:	axial 15 N/radial 30 N

Mechanical dimensions

A	B	C
6 mm	10 mm	9.5 mm
6.35 mm	10 mm	9.5 mm
8 mm	20 mm	15 mm
9.52 mm	20 mm	15 mm
10 mm	20 mm	15 mm
12 mm	25 mm	20 mm

* Tolerance = fg 6



