



Series AWI 40

- ▶ Incremental rotary-encoder with a solid shaft diameter of 6 mm
- ▶ housing diameter 40 mm, small design and high degree of protection
- ▶ Maximum 1024 pulses / revolution
- ▶ For simple industrial requirements
- ▶ Also available in stainless steel for aggressive Ambient conditions
- ▶ Accessories from page 78

Electrical specifications

max. pulse frequency:	25 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. $\pm 5\% U_B$
Power supply:	5 V DC $\pm 5\%$
Max. current consumption:	40 mA
Max. output load:	30 mA (per channel)

Mechanical specifications

Flange/Housing:	Aluminium
Shaft:	stainless steel
Shaft seal:	oil/salt-water resistant
Bearing:	Deep groove ball bearing
Weight:	approx 0,3 kg
Protection type:	IP 65
Max. speed:	6.000 U/min
Torque:	approx 3 Ncm
Max. shaft load:	axial 5 N radial 5 N

Mechanical dimensions



