

## Type AMI 501

Pulses	
Pulses / turn	2 to 10.000
Mechanical data	
Shaft	Ø 3 ... 6 mm
Shaft load	axial 10 N, radial 20 N
Rotating speed	mechanically max. 10.000 min <sup>-1</sup>
Protection class	IP65 shaft side



### Elektrische Daten

Signal form	Square
Input voltage	4,75-30 V
Current consumption	max.. 100 mA unloaded
Output frequency	<= 900 / 700 / 250 kHz with 2 m / 5 m / 10 m cable length at 20 mA load
Output driver	HTL, TTL
Load current	<= 35 mA
Output signals	2 Channels A and B 90° electronically shifted Zero puls 1 x per turn width 90°, 180° or 360° electronically all inverted channels available

### General environmental conditions

Working temperature	-40° C ... +90° C
Vibration	DIN EN 60068-2-6
Shock	DIN EN 60068-2-27
Immunity to disturbance	DIN EN 61000-6-2
Transient emissions	DIN EN 61000-6-3

