

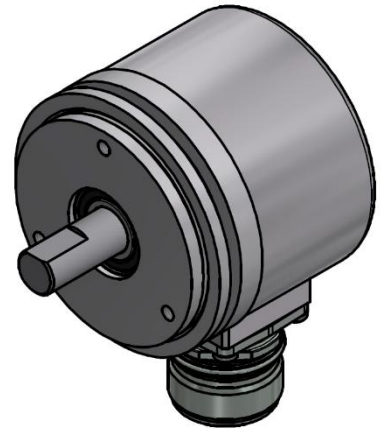
Type AMI 100/110

Pulses

Pulses / turn 2 to 100.000

Mechanical data

Shaft Ø 3 ... 12 mm
 Shaft load axial 50 N, radial 100 N
 Rotating speed mechanically max. 12.000 min⁻¹
 Protection class IP65 shaft side, IP67 housing side



Elektrische Daten

Signal form Square, Sinusoidal 1V_{ss}
 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, 1V_{ss}
 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

