

Special encoder AMI 449



Pulses

Each pulse possible
Favorite pulses

up to 10.000
250, 500, 1.000, 1.024, 1.250, 1.500, 1.800, 2.000, 2.048, 2.500,
3.600, 4.096, 5.000

Mechanical Data

Hollow shaft
Shaft load
Rotating speed
Working temperature
Vibration
Shock
Ingress protection
2014/30/EU EMV-rules

conic from $\varnothing 17$ to 15 mm, stainless steel
axial 10 N, radial 20 N
max. 10.000 rpm
 $0^{\circ}\text{C} \dots +80^{\circ}\text{C}$
10 g (20 ... 2.000 Hz)
100 g (11 ms)
IP 64 on shaft
DIN EN 61000-6-2, DIN EN 61000-6-3

Electrical Data

Signals
Light source
Operating voltage
Current consumption
Output frequency

Output level

Current output
Output signals

square wave
LED
5 Volt $\pm 5\%$, 10 ... 30 Volt
max. 100 mA without load
300 kHz with square wave 5 Volt
160 kHz with square wave 10 ... 30 Volt
5 Volt Line-Driver
10 ... 30 Volt push-pull short-circuit proof
20 mA
2 channels A and B phase-shifted 90° electrically
zero-pulse 1 pulse per revolution
length 90° , 180° or 360° electrically
all signals with inversion

