



Type AMI 412/423

Pulses

Each pulse possible up to 3.600

Mechanical Data

Shaft Ø 4 ... 6 mm, stainless steel
 Shaft load axial 10 N, radial 20 N
 Rotating speed max. 10.000 rpm
 Working temperature 0° C ... +80° C
 Vibration 10 g (20 ... 2.000 Hz)
 Shock 100 g (11 ms)
 Ingress protection IP 64 on shaft
 2014/30/EU EMV-rules DIN EN 61000-6-2, DIN EN 61000-6-3

Electrical Data

Signals square wave and sinusoidal
 Light source LED
 Operating voltage 5 Volt ± 5 %, 10 ... 30 Volt, 5 ... 30 Volt
 Current consumption max. 100 mA without load
 Output frequency 300 kHz with square wave 5 Volt
 160 kHz with square wave 10 ... 30 Volt
 Output level 5 Volt Line-Driver
 10 ... 30 Volt push-pull short-circuit proof
 Current output 20 mA
 Output signals 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

