

多圈值编码器SICK,ATM60-A4A12X12,1030001 , 钢铁行业专用

产品名称	多圈值编码器SICK,ATM60-A4A12X12,1030001 , 钢铁行业专用
公司名称	广州市京基盛世自动化技术有限公司
价格	4100.00/个
规格参数	品牌:SICK/施克 型号:ATM60-A4A12X12,1030001 结构类型:放大器分离型
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产品详情

多圈绝对值编码器sick,atm60-a4a12x12,钢铁行业专业编码器

absolute encoders atm60 ssi model name atm60-a4a12x12 part no. 1030001 at a glance

extremely rugged, tried-and-tested absolute multiturn encoder with a

resolution of up to 26 bits

mechanical interface: face mount flange, servo flange, blind hollow

shaft and extensive adapter accessories

zero-set and preset functions via hardware or software

no battery required

electrical interface: ssi with gray or binary code type

electronically adjustable, configurable resolution

rotary axis function (optional) also for non-binary resolutions (per

revolution) and decimal numbers (number of revolutions)

magnetic scanning

your benefits

fewer variants are required since one freely programmable encoder

offers all singleturn and multiturn resolutions

easy setup due to various connectivity options (cable, m23)

less maintenance and a long service life reduce overall costs

application flexibility due to easily interchangeable collets for the

blind hollow shaft

quick commissioning using the zero set/preset function either at the

press of the button on the device or via software

increased productivity due to highly reliable shock and vibration

resistance

worldwide availability and service ensure quick and reliable customer

service

performance max. number of steps per revolution: 4,096 max. number of revolutions: 4,096 resolution
power: 4,096 x 4,096 resolution: 12 bit x 12 bit error limits: $\pm 0.25^\circ$ repeatability (ta not constant): 0.1°
 $^\circ$ measuring step: 0.043° initialization time: 1,050 ms 1) 1) valid positional data can be read once this
time has elapsed

mechanical data mechanical interface: solid shaft, face mount flange shaft diameter: 10 mm

mass: 0.5 kg permissible load capacity of shaft: 300 n (radial), 50 n (axial) moment of inertia of the
rotor: 35 gcm^2 bearing lifetime: 3.6×10^9 revolutions max. angular acceleration: $500,000 \text{ rad/s}^2$ shaft
material: stainless steel flange material: aluminum housing material: die-cast aluminum start up torque
with shaft seal: 2.5 ncm start up torque without shaft seal: 0.5 ncm operating torque with shaft seal: 1.8
ncm operating torque without shaft seal: 0.3 ncm 1) shaft length: 19 mm 1) if the shaft seal has been
removed by the customer

electrical data operating voltage range: 10 v ... 32 v mttfd: mean time to dangerous failure: 150 a (en iso 13849-1)
1) connection type: connector m23, 12-pin, radial code type: binary, gray code sequence:
cw/ccw power consumption max. without load: 0.8 w 1) this product is a standard product and does not
constitute a safety component as defined in the machinery directive. calculation based on nominal load of components,
average ambient temperature 40° c , frequency of use 8760 h/a. all electronic failures are considered hazardous. for
more information, see

document no. 8015532.

interfaces electrical interface: ssi interface signals: clock +, clock -, data +, data-, programming

interface: rs-422 1) clock frequency: 1 mhz 2) set (electronic adjustment): h-active (l 0 - 4,7 v, h 10 - us v) cw/ccw (counting sequence when turning): l-active (l 0 - 1,5 v, h

2,0 - us v) parameterising data: number of revolutions, code type, electronic

adjustment, number of steps per revolution 1) for higher clock frequencies, choose synchronous ssi 2)

ambient data emc: (according to en 61000-6-2 and en 61000-6-3) enclosure rating: ip 43 (according to iec 60529), without shaft seal,

on encoder flange not sealed, ip 65 (according to iec 60529), without

shaft seal, on encoder flange sealed, ip 67 (according to iec 60529),

with shaft seal 1) 2) 3) permissible relative humidity: 98 % working temperature range: -20 ° c ... +85 ° c storage temperature range: -40 ° c ... +100 ° c, without package resistance to shocks: 100 g, 6 ms (according to en 60068-2-27) resistance to vibration: 20 g, 10 hz ... 2,000 hz (according to en

60068-2-6) 1) 2) 3) with mating connector fitted

本产品的品牌是SICK/施克，型号是ATM60-A4A12X12,1030001，结构类型是放大器分离型，检测方式是漫反射式，电源电压是220（V），输出方式是NPN，使用环境温度是60（ ），产品认证是ce，用途是钢铁行业专用编码器，加工定制是否