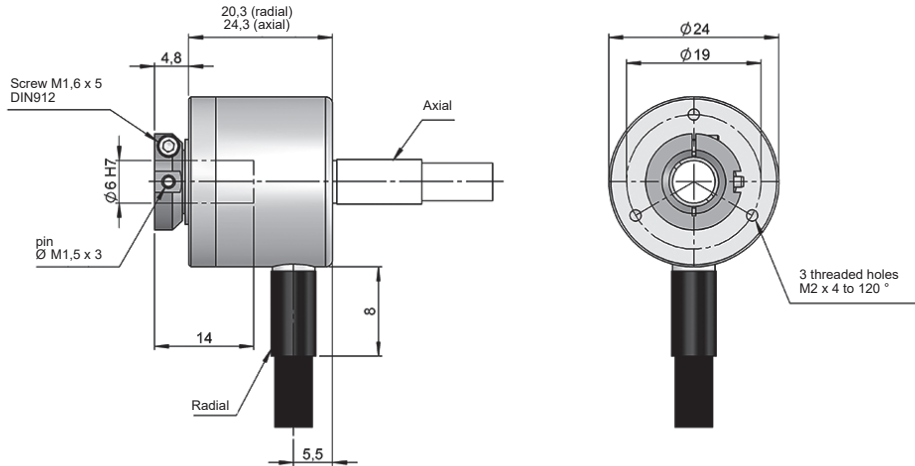


SERIE E24 HS ANA

MINIATURE BLIND HOLLOW SHAFT ABSOLUTE SINGLETURN ENCODER



- Analog output
- Resolution up to 12 bits
- External diameter 24 mm
- Blind hollow shaft \varnothing 6 mm
- Protection class IP64 according to DIN EN 60529
- Anti-rotation system through flexible flange
- Connection by cable (other cable length available)



Drawing blind hollow shaft type 1 and connection type 1/2

REFERENCE

Reference example: E24HS-ANA-11226-12180

Serie	Interface	Anti-rotation system	Blind-Hollow shaft	Connection	Code	Interface / Supply Voltage	Resolution	Measuring range	Special customer
E24HS -	ANA -	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> -	<input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
	ANA. Analogue	1. None	1. \varnothing 6 mm	1. Axial cable 2. Radial cable	1. CW 2. CCW	3. 0-20 mA, 12-18V 4. 4-20 mA, 12-18V 5. 0-20 mA, 20-28V 6. 4-20 mA, 20-28V 7. 0-10V, 15-30V 8. 0-5V, 15-30V	12. 12 bits	180. 180° electrical 360. 360° electrical (*)	

Order your reference
Step file 3D

(*) Measuring range can be factory configured from 18° to 360°.

info@encoderhohner.com
service available in 24 h



SERIE E24 HS ANA

MINIATURE BLIND HOLLOW SHAFT ABSOLUTE SINGLETURN ENCODER

MECHANICAL SPECIFICATIONS


Materials	Cover: Aluminium Housing: Aluminium Shaft: Brass
Bearings	Ballraces
Bearings lifetime	1x10 ¹⁰ rev.
Shaft fixing	Clamp
Blind hollow shaft diameter	6 mm
Maximum number of revolutions permitted mechanically	6000 rpm
Protection against dust and splashes according to DIN EN 60529	IP 64
Rotor inertia moment	2 gcm ²
Starting torque at 20°C (68°F)	< 0,01 Nm
Maximum load permitted on axial shaft	10 N
Maximum load permitted on radial shaft	10 N
Weight aprox.	0,06 Kg
Operating temperature range	-40°C to +85°C
Vibration according to DIN EN 60068-2-6	100 m/s ² (10Hz...2000Hz)
Shock according to DIN EN 60068-2-27	1000 m/s ² (6ms)
Axial or radial connection	2 meters cable (other cable lengths available or connector mounted at the end of the cable, upon request)

ELECTRICAL SPECIFICATIONS

Interface	Analog
Electronic output	0..20mA , 4..20mA, 0..5V, 0..10V
Power supply (VCC)	12-18V, 20-28V, 15-30V
Consumption	≤ 30 mA
Resolution	Up to 12 bits
Range	180° and 360° electrical (*)
Short circuit protection	Yes
Protection polarity inversion	Yes

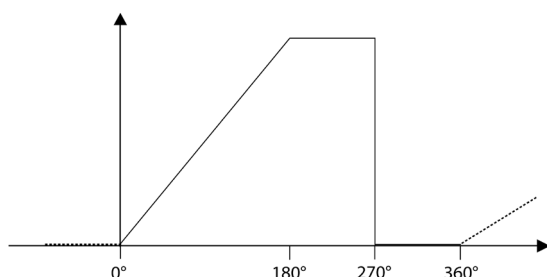
(*) Measuring range can be factory configured from 18° to 360°.

CONNECTION

	
	Cable 2x2x0,14+1x0,14 95.0008002
GND	White
VCC	Brown
I _{out} / V _{out}	Green

MEASURING RANGE

Measuring range 180°



Measuring range 360°

