

Absolute Encoders

DynaCompte



Modular absolute multiturn encoder.
 Low cost, easy to mount.
 Without maintenance (no contact, no wear).



SOEM15-0216S001



SOEM15-0216S001 (assembly example)

Mechanical features	
Cover	Chromated steel
Hub	Aluminum
Rotation speed max.	6000tr.min ⁻¹
Shaft inertia	90g.cm ²
Protection	IP65 (mounted)
Weight	250g
Radial misalignment max.	0,2mm
Axial misalignment max.	+/- 0,5mm

Ordering reference

SOEM15-0216S001

Mechanical characteristics

Storage temperature: -20°C/+80°C
 Operating temperature: -20°C/+70°C
 Shock resistance: 30g durant 11ms
 Vibrations resistance: 10g de 10 à 500Hz

Supply – Output signals

Supply voltage : 11-30V
 Consumption : 60mA under 24V
 Turn counting range: 65536 turns
 Angular measure : 90°
 Number of count per turn : 4
 Offset between 2 steps: max. 22,5°
 Max frequency: 19 kBauds
 Counting direction : CCW open side

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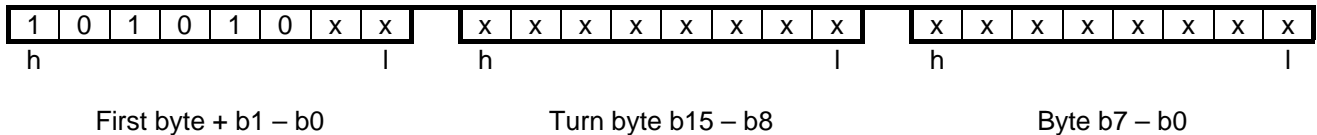
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Output signals

Asynchronous serial protocol RS422 BEI Sensors

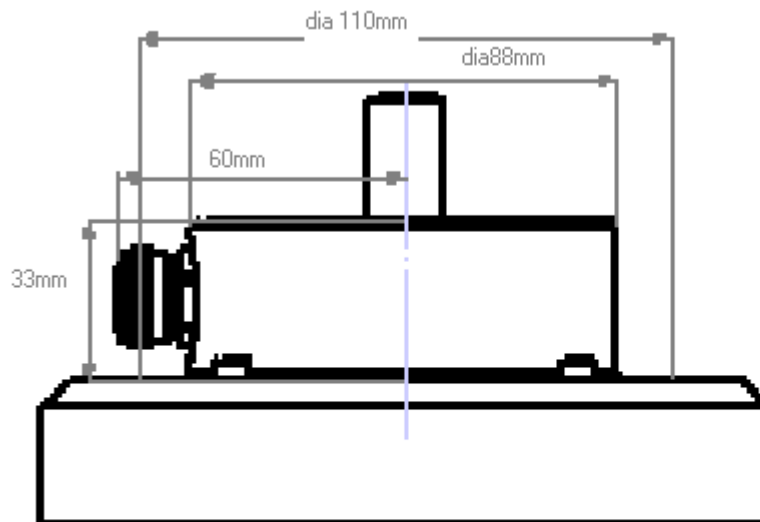


Installation instructions

Cable connection on board with terminal box.

Put the Switch « ON » before mounting the encoder.
Do not power the encoder when the shaft is turning.

Dimensions (mm)



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