

# Absolute Encoders

## DynaCompte



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



SOEM15-0216S001



SOEM15-0216S001 (assembly example)

<b>Mechanical features</b>	
Cover	Chromated steel
Hub	Aluminum
Rotation speed max.	6000tr.min <sup>-1</sup>
Shaft inertia	90g.cm <sup>2</sup>
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

# BEI SENSORS

BEI Sensors SAS  
 Espace Européen de l'Entreprise  
 9, rue de Copenhague  
 B.P. 70044 Schiltigheim  
 F 67013 Strasbourg Cedex

Tél : +33 (0)3 88 20 80 80  
 Fax : +33 (0)3 88 20 87 87  
 Mail : [info@beisensors.com](mailto:info@beisensors.com)  
 Web : [www.beisensors.com](http://www.beisensors.com)

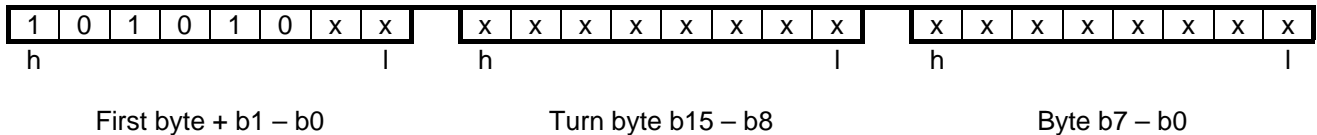
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### Output signals

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)

