



NEW 2019/2020

HOHNER AUTOMÁTICOS

your **encoder** experts

hohner
AUTOMÁTICOS

WWW.ENCODERHOHNER.COM



new

2019-2020

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“ since
1983



Hohner Automáticos

With more than 35 years of experience, Hohner Automáticos designs, manufactures, commercialize and supports its customers in the development of industrial automation projects.



INCREMENTAL
ENCODERS

ABSOLUTE
ENCODERS

LINEAR
MEASUREMENT

INCLINOMETERS

ACCESSORIES

OTHER SENSORS

+ Quality

Our continuous innovation, adaptability, manufacturing excellence and the quality concern, place Hohner Automáticos at the forefront of the best encoders manufacturers in the world. Besides, Hohner operates under a quality management system certified by OTIS.

+ Flexibility

Our own departments of optical, mechanical and electronic manufacturing allow us to offer to our customers free engineering services with maximum efficacy and fast delivery time.

Miniature Absolute Encoder e36

Hohner has developed the new e36 Series: singleturn and multiturn absolute encoders with resolutions up to 38 bits for a **wide range of applications**.

Their compact dimensions of just 36,5 mm of external diameter and less than 31mm of depth, convert the e36 Series in one of the **smallest absolute encoders** of the market.

+ options



SSI Interface



BiSS-C Interface



Miniature



Singleturn & Multiturn



Magnetic



Temperature range

- 40°C

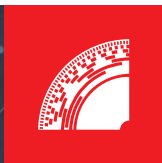


E36 CS SSI //

- > Singleturn up to 14 bits
- > SSI Interface
- > External diameter 36,5 mm
- > Shaft Ø 6 mm



absolutely **e**lectronic
absolutely miniature
simply **e36**



+ new e36 SSI Series



E36 CM SSI //

- > **Multiturn** up to **38 bits**
- > SSI Interface
- > External diameter 36,5 mm
- > Solid shaft Ø 6 mm



E36 HS SSI //

- > **Singleturn** up to **14 bits**
- > SSI Interface
- > External diameter 36,5 mm
- > Blind hollow shaft Ø 10, 12 mm



E36 HM SSI //

- > **Multiturn** up to **38 bits**
- > SSI Interface
- > External diameter 36,5 mm
- > Blind hollow shaft Ø 10, 12 mm



+ IP69K encoders



Rugged and fully sealed housing //

10K and 19K Series are IP69K encoders approved for **ECOLAB** detergents and designed according to **EHEDG** criteria.

The **coupling bell** allows to assembly 10K and 19K at the machine to meet all EHEDG criteria.

Serie 10K and Serie 19K //

- > Resolution up to 50.000 ppr
- > Solid shaft and Hollow shaft
- > Protection class IP69K
- > Stainless steel encoder INOX AISI316
- > Connection by cable



ECOLAB



Applications //

Food and Beverage Industry



+
salt mist resistant | 50HI



Robust encoders for extreme applications //

- > INOX AISI304L Encoder
- > Blind-Hollow Shaft \varnothing 6 mm
- > Compact dimensions \varnothing 55 x 36 mm
- > Salt Mist test (ISO9227:2006-10)
- > Laser marking

Applications //

Machinery for Coastal Areas (Packaging, Fish Industry...)

IP67 

Protection class



Compact



Heavy Duty Encoders

Hohner encoders for Heavy Industry are designed for **maximum robustness and reliability**, to ensure best performance even in the toughest conditions, such as extreme temperatures, shocks and vibrations, dust and humidity.

Insulated bearings //

Dual set of hybrid bearings with ceramic balls protected against shaft currents up to 2,5 kV.

High resistant //

Robust housings and electronics verified for powerful shocks, vibrations, and extreme temperatures.

High protection //

Short-circuit, overvoltage and polarity protection as standard.

Easy installation //

Quick installation with plug-in spring terminals inside the 360° rotatable terminal box.

Resolution //

Wide range of different pulse rates from 1 to 5.000 ppr.



SERIE 100 //

- > Ø 11 mm solid shaft
- > Protection class IP67
- > Output 5 VDC / 9...30 VDC



+ Serie 100 encoders



SERIE 100H //

- > Ø 12, 16 mm hollow shaft
Ø 17 mm conic shaft
- > Protection class IP67
- > Output 5 VDC / 9...30 VDC



SERIE 100 Duo //

- > Ø 11 mm solid shaft
- > Protection class IP67
- > Dual output signals
5 VDC / 9...30 VDC



SERIE 100H Duo //

- > Ø 12, 16 mm hollow shaft
Ø 17 mm conic shaft
- > Protection class IP67
- > Dual output signals
5 VDC / 9...30 VDC



130M | subsea encoder

High level of robustness //

130M is a magnetic incremental encoder designed specifically to be used **immersed in liquids** and for **depths down to 100m**.

IP68 

Protection class



10 
BAR

Submersible

Serie 130M //

- > Up to 2.048 pulses per turn
- > Hollow shaft from Ø 16 to 36 mm
- > High shaft load capacity
150 N (axial), 200 N (radial)
- > High vibration and shock resistant
- > Protection class IP68

Applications //

Submersible Machinery



+ customized solutions

Flexible and efficient //

Hohner Automáticos offers the possibility to **customize the encoder** according to the needs and the applications of each customer.

Even for small series or samples, Hohner can provide personalized solutions in a **short time** and without **any additional cost**.

- + Free engineering services
- + Optical Know-How
- + Electronic Know-How
- + Mechanical Know-How





HI SPEED



+ draw wire system



Linear Measurement up to 50m //

Hohner Automáticos draw wire system can be supplied driving any type of rotating sensor:

- Incremental optical encoder
- Multiturn absolute optical encoder
- Potentiometer



SERIES XTENSION //

- > **XT12, XT18**
- > Up to 50.000 mm
- > Speed up to 10 m/s
- > Stainless steel measuring cable Ø 0,90 mm

SERIES ENCOMETER //

- > **EM4, EM8, EM10**
- > Up to 10.000 mm
- > Speed up to 1 m/s
- > Stainless steel extendible cable Ø 0,61 mm



programmable | PR90 ⁺



Your only one solution //

PR90 & PR90H incremental encoders can be configured directly through a USB cable, without any **additional programming box**.

**new
software
version
1.7**

Serie PR90 and PR90H //

- > Solid shaft and Hollow shaft
- > Programmable from 1 to 65.536 ppr
- > Direct USB cable connection
- > Multi-voltage 5..30 VDC, HTL / TTL
- > Programming with or without power



connect



program



ready



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SPARE PARTS



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spare parts?

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- + 24h Express Delivery

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TAA633K

TAA633H

AAA633Z

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OFF



TAA633H2
342,00 € ~~380,00-€~~

10%
OFF



TAA633H101 ENCODER +
342,00 € ~~380,00-€~~



TAA633H151
342,00 € ~~380,00-€~~



encoder
shop

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Hohner Worldwide



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