



Product Information

INDUcoder ABSOLUT ENCODER

Optical absolute encoder with high resolution up to 30 bit

Single-turn up to 65,536 steps per revolution = 16 bit

Multi-turn up to 16,384 revolutions= 14 bit

Electronic reset

Programmable multi-turn encoder with field-bus interface

Data output in Gray- or binary-Code

Interfaces: SSI, Parallel, Profibus-DP, CANopen, Device Net

As of now INDUcoder offers the well established and highly reliably single-turn and multi-turn absolute shaft encoders with package diameter of 58 and 65 mm with high resolution up to 65,536 steps per revolution. The standard device with package diameter of 58 mm is now available in stainless steel housing.

Further information is listed in the following table:

Resolution Steps per revolution / bit	65,536 / 16									
	8,192 / 13									
	4,096 / 12									
	1,024 / 10									
Measuring range Number of revolutions / bit	16,368 / 14									
	4,096 / 12									
	1 / 0									
Code	Gray									
	binary									
Programmable										
Electronic reset										
Stainless steel case										
Interface										
EA 57 / EAS 57	SSI	•	•	•	•	•	•	•	•	•
EA 58 / EAS 58	Parallel	•	•	•	•	•	•	•	•	•
EAS 65/58	SSI		•	•	•	•	•	•	•	•
EAM 57 / EAMS 57	SSI	•	•	•	•	•	•	•	•	•
EAM 58 / EAMS 58 Profibus	Profibus-DP	•	•	•	•	•	•	•	•	•
EAM 58 / EAMS 58 CANBUS	CANopen	•	•	•	•	•	•	•	•	•
	Device Net	•	•	•	•	•	•	•	•	•

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