

Inquiry form for incremental encoders Ex FG 40

Sender			
Company:		Contact partner:	
		Phone:	
Address:		Fax:	
		E-Mail:	

Spare parts			
<p>→ If you wish to request a quote for spare parts, please only fill out the section highlighted in gray. It is not possible to provide a quote without a serial number.</p>			
Serial number:		Order number (optional):	
End customer / Country of end customer:			

New device

Field of application:	Required equipment group:	Requirement base:
<input checked="" type="checkbox"/> Standard atmosphere*	<input checked="" type="checkbox"/> Equipment group II	<input checked="" type="checkbox"/> ATEX Directive 2014/34/EU <input checked="" type="checkbox"/> IECEx Scheme

1 Number of items:	2 Date when required / Delivery date:
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3 Field of application / Application:

4 Pulse rate:

500 600 1000 1024 1200 1300 2500 Other:

5 Output signal:

System 1	
<input type="checkbox"/> Incremental signal 0°, 90°, N, status	<input type="checkbox"/> Sin / Cos signal A, B, N as 1Vpp signal
<input type="checkbox"/> all HTL (12 – 30 V)	<input type="checkbox"/> Status signal as HTL (12 – 30 V)
<input type="checkbox"/> all TTL (5 V)	<input type="checkbox"/> Status signal as TTL (5 V)

5 Output signal:

System 2

- Without
- Incremental signal 0°, 90°, N, status
 - all HTL (12–30 V)
 - all TTL (5 V)
- Sin/Cos signal A, B, N as 1 Vpp signal
- Status signal as HTL (12–30 V)
- Status signal as TTL (5 V)

6 Shaft – drive end:

- Ø 11 mm
- Ø 14 mm

7 Maximum speed*:

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Gas/Mist/Vapour

Dust

8 Required equipment category/ equipment protection level:

- 2G/Cb (= Gas Zone 1)
- 3G/Cc (= Gas Zone 2)

- 2D/Da (= Dust Zone 21)
- 3D/Da (= Dust Zone 22)

9 Required protection level:

- Ex db (flameproof enclosure)

- Ex tb (protection by housing)

10 Required explosion group (the level of risk increases from Index A to Index C):

- II A (propane) II B (ethylene)
- II C (hydrogen, acetylene)

- III A (lint & fibers) III B (grain dust)
- III C (metal dust, coal dust)

11 Ambient temperature range:

- Maximum up to +60°C (T5) up to +55°C (T6)

- Minimum down to -40°C

12 Environmental effects (e.g.: salt, alkalis, ...):

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13 Miscellaneous:

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* max. 6000 rpm