FG(HJ) 2
New Option: AKK with 2 different FREELY SELECTABLE pulse rates

FG(HJ) 2 AKK

Variant AKK

- 2 incremental outputs
- 2 different pulse rates possible: 1,024, 2,048 or 4,096 ppr
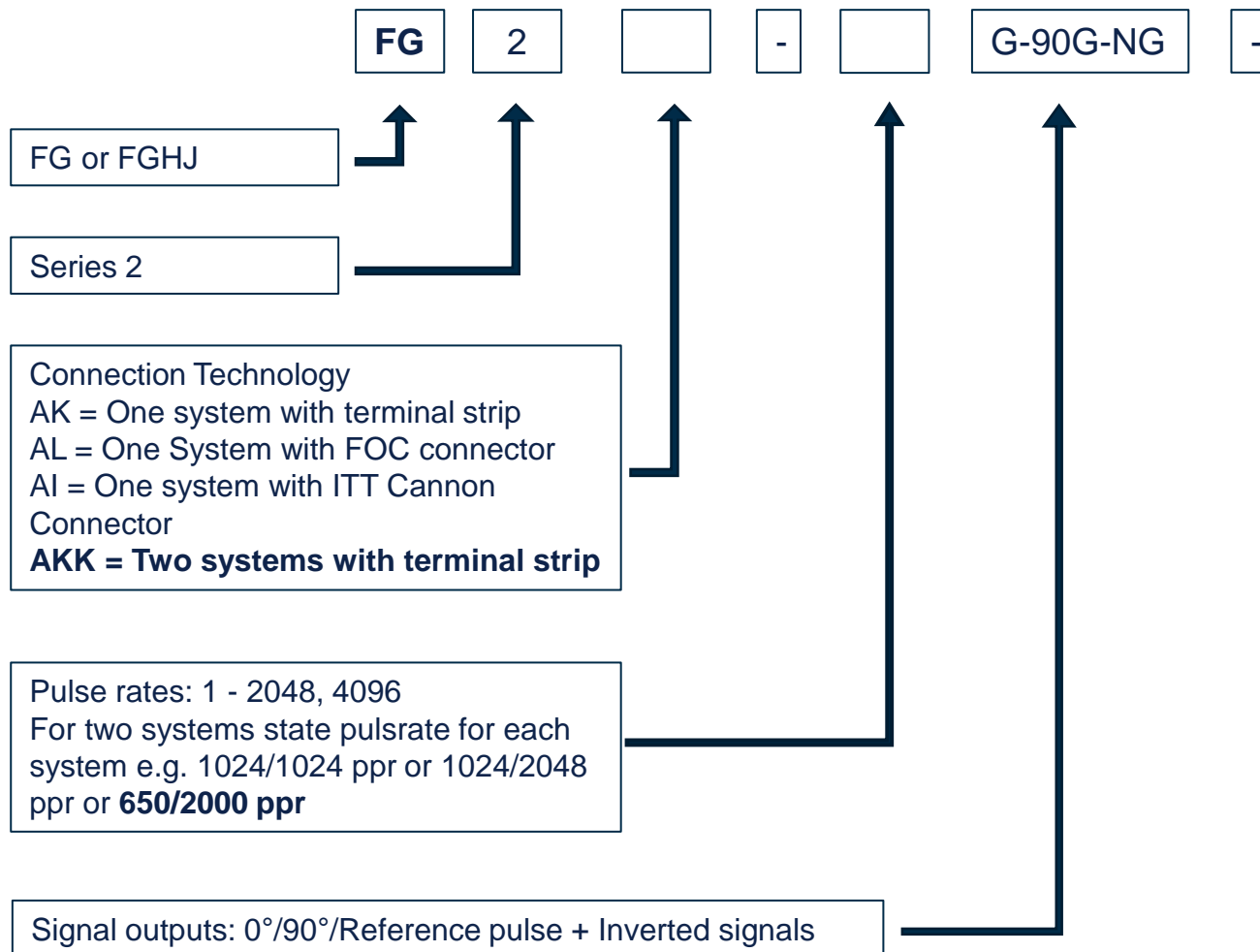- Set ex works

Neu: Variant AKK SPR

- 2 incremental outputs
- 2 different pulse rates possible: **flexibly selectable** between 1 - 2,048 ppr
- Set ex works

Advantages

- 2 redundant incremental signals with selectable pulse rates
- 2 freely selectable different pulse rates with only one device
- Replacement solution for FG(H) 4 KK with 2 signal outputs and special pulse rates
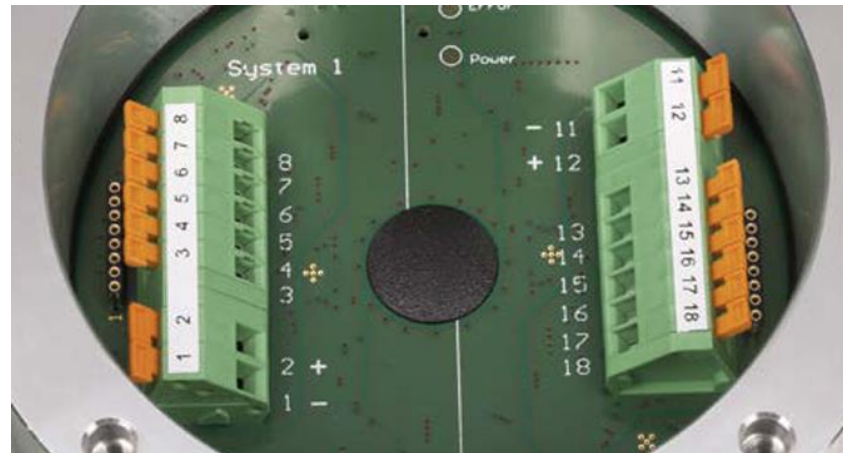
FG(HJ) 2 – Type code

| FG | 2 | | - | | G-90G-NG | - |

FG or FGHJ

Series 2

Connection Technology
AK = One system with terminal strip
AL = One System with FOC connector
AI = One system with ITT Cannon Connector
AKK = Two systems with terminal strip

Pulse rates: 1 - 2048, 4096
For two systems state pulsrate for each system e.g. 1024/1024 ppr or 1024/2048 ppr or **650/2000 ppr**

Signal outputs: 0°/90°/Reference pulse + Inverted signals

FG(HJ) 2 AKK SPR

Features

- 2 incremental outputs
- 2 different pulse rates possible: flexibly selectable between 1 - 2,048 ppr
- Set ex works
- HTL or TTL possible
- Only available with terminal strip

FG(HJ) 2: Incremental encoders for standard drives

- Optical encoders with a wide range of applications
- Ideal for direct attachment to drive-controlled motors due to increased dielectric strength of up to 3 kV
- Hollow shafts up to Ø 17 mm, solid shafts Ø 11 mm (flange mounting)
- Up to 4,096 ppr HTL / TTL
- Degree of protection IP66, temperature range from -25 to +85 ºC
- Options:
  - Speed switch
  - FO transmitter
  - Second incremental output

FG(HJ) 2: Product Advantages

- High accuracy
- Long lifetime, high reliability
- High shock and vibration resistance
- High IP protection grade with sealed cover
- Seawater resistant Aluminum
- Temperature range up to -40°C…+100°C
- State-of-the-art electronic with high EMI immunity
- EMC cable glands
- High speeds up to 7000 rpm
- Short delivery time
- Replacement for several other encoder types
- Attractive cost-benefit ratio
- **2 incremental outputs with 2 different pulse rates possible**

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Thank you for your attention!