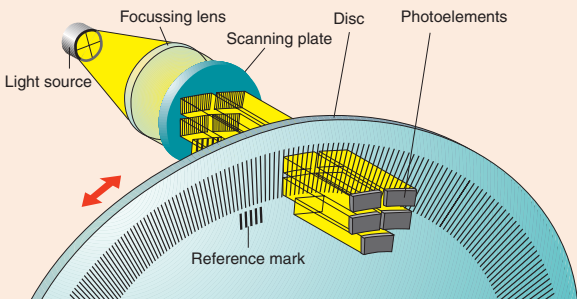


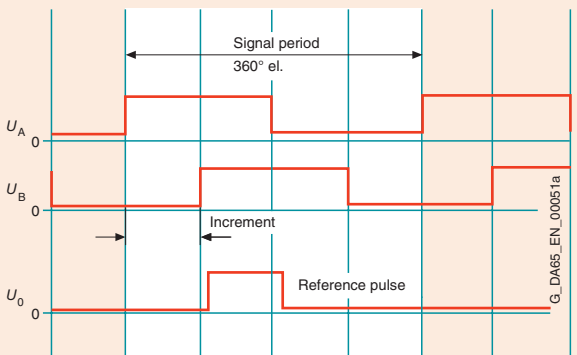
HTL Incremental Encoder (1,024 Pulses/Revolution and 2,048 Pulses/Revolution)

Principle of Operation: Photoelectric Scanning



G_DA65_EN_00050a

Output Signals



G_DA65_EN_00051a

Technical Data

Supply voltage:	+10 to 30 V
Output signals:	HTL Track A, Track B Zero pulse and inverted signals
PPR count:	1,024 (optional: 2,048)
Accuracy:	$\pm 1'$
Limit frequency (-3 dB):	160 kHz
Use:	Asynchronous servo motors 1PH7, 1PL6, 1PH4
Max. possible connection cable length:	
- Without transmission of inverted signals	150 m (492.2 ft)
- With transmission of inverted signals	300 m (984.5 ft)

1) When a multipole resolver is used, the pole number of the resolver corresponds to that of the motor.