

DGS21-1RK00100

DGS21

PRODUCT PORTFOLIO

SICK
Sensor Intelligence.

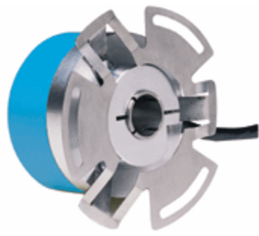


Illustration may differ



Ordering information

Model name	Part no.
DGS21-1RK00100	7101580

Other models and accessories → www.sick.de/DGS21

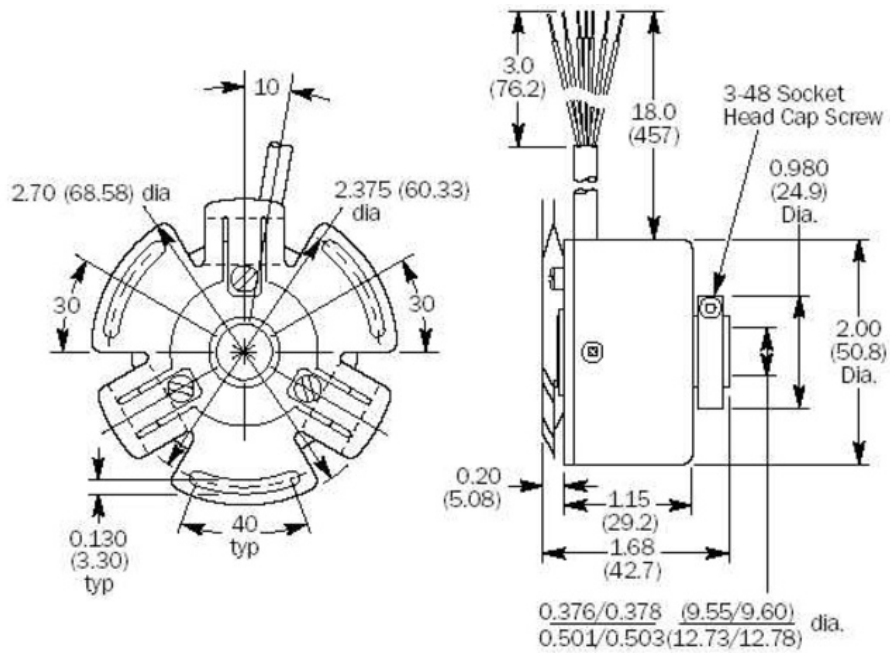
Detailed technical data

Technical specifications

Shaft / Flange design	Through hollow shaft
Shaft diameter	3/8"
Remark	1)
Number of lines	100
Interface	5 V, TTL
Connection type	Cable, radial, 1.5 m
Moment of inertia of the rotor	19.4 gcm ²
Measuring step	90° / number of lines
Reference signal, number	1
Reference signal, position	Non-gated 180° +/-90° electrical
Measuring step deviation	45/Z °
Maximum output frequency	≤ 200 kHz
Max. angular acceleration	5 x 10 ⁵ rad/s ²
Start up torque	0.7 Ncm
Working temperature range	0 °C ... +70 °C
Storage temperature range	-20 °C ... +85 °C
Permissible relative humidity	90%
Resistance to shocks	20/11 g/ms
Resistance to vibration	5/10...150 g/Hz
Protection class according to IEC 60529:	IP 50
Supply voltage	DC, 4.75 V, 5.25 V

¹⁾ Stator Coupling.

Dimensional drawing (Dimensions in mm (inch))



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