



Incremental encoders Encoder, Incremental

DRS26-3E508192

Model Name > [DRS26-3E508192](#)
Part No. > [7126562](#)

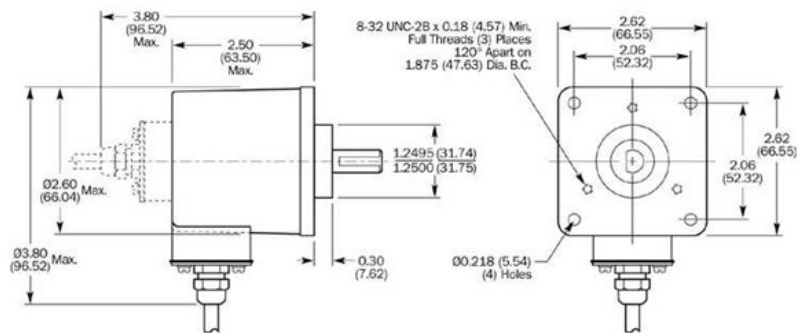
Product features

Type:	Incremental
Shaft/Flange design:	Solid shaft, square flange
Shaft diameter:	1/4"
Interface:	5 V, TTL
Connection type:	Connector, MS, 7-pin, radial
Number of lines:	8,192
Number of lines/steps:	8,192

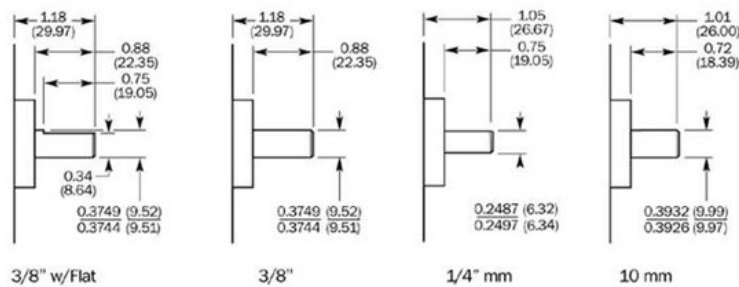
Technical data

Moment of inertia of the rotor:	54 gcm ²
Measuring step:	90°/number of steps
Ambient operation temperature, min ... max:	-20 °C ... +85 °C
Operating torque:	2.6 Ncm
Start up torque:	3.4 Ncm
Resistance to shocks:	5/11 g/ms
Resistance to vibration:	20/10 ... 150 g/Hz
Supply voltage min ... max:	DC 8 ... 24 V
Permissible relative humidity:	90 %
Voltage output:	DC
Working temperature range read head:	-20 °C ... +85 °C
Storage temperature range read head:	-40 °C 100 °C
Voltage area min ... max::	DC
Reference signal, number:	1
Reference signal, position:	90° or 180°
Error limits binary number of steps:	0.035 °
Error limits non-binary number of steps:	0.046 °
Max. operating speed with shaft seal:	6,000 U/min
Max. operating speed without shaft seal:	10,000 U/min
Permissible shaft loading axial:	20 N
Permissible shaft loading radial:	20 N
Operation of zero-set:	≥ 100 ms
Initialisation time after power on:	40 s

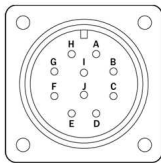
Maßzeichnung



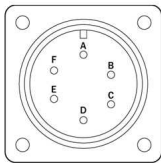
Maßzeichnung, Schaft



Anschluss-Schema



10 Pin MS3102R



6 Pin MS3102R

Australia

Phone +61 3 9457 0600
1800 334 802 – tollfree
E-Mail sales@sick.com.au

Belgium/Luxembourg

Phone +32 (0)2 466 55 66
E-Mail info@sick.be

Brasil

Phone +55 11 3215-4900
E-Mail sac@sick.com.br

Canada

Phone +1 905 771 14 44
E-Mail information@sick.com

Ceská Republika

Phone +420 2 57 91 18 50
E-Mail sick@sick.cz

China

Phone +86 4000 121 000
E-Mail info.china@sick.net.cn
Phone +852-2153 6300
E-Mail ghk@sick.com.hk

Danmark

Phone +45 45 82 64 00
E-Mail sick@sick.dk

Deutschland

Phone +49 211 5301-301
E-Mail kundenservice@sick.de

España

Phone +34 93 480 31 00
E-Mail info@sick.es

France

Phone +33 1 64 62 35 00
E-Mail info@sick.fr

Great Britain

Phone +44 (0)1727 831121
E-Mail info@sick.co.uk

India

Phone +91-22-4033 8333
E-Mail info@sick-india.com

Israel

Phone +972-4-6801000
E-Mail info@sick-sensors.com

Italia

Phone +39 02 27 43 41
E-Mail info@sick.it

Japan

Phone +81 (0)3 3358 1341
E-Mail support@sick.jp

Magyarország

Phone +36 1 371 2680
E-Mail office@sick.hu

Nederlands

Phone +31 (0)30 229 25 44
E-Mail info@sick.nl

Norge

Phone +47 67 81 50 00
E-Mail austefjord@sick.no

Österreich

Phone +43 (0)22 36 62 28 8-0
E-Mail office@sick.at

Polska

Phone +48 22 837 40 50
E-Mail info@sick.pl

România

Phone +40 356 171 120
E-Mail office@sick.ro

Russia

Phone +7-495-775-05-30
E-Mail info@sick.ru

Schweiz

Phone +41 41 619 29 39
E-Mail contact@sick.ch

Singapore

Phone +65 6744 3732
E-Mail admin@sicksgp.com.sg

Slovenija

Phone +386 (0)1-47 69 990
E-Mail office@sick.si

South Africa

Phone +27 11 472 3733
E-Mail info@sickautomation.co.za

South Korea

Phone +82 2 786 6321/4
E-Mail info@sickkorea.net

Suomi

Phone +358-9-25 15 800
E-Mail sick@sick.fi

Sverige

Phone +46 10 110 10 00
E-Mail info@sick.se

Taiwan

Phone +886-2-2375-6288
E-Mail sales@sick.com.tw

Türkiye

Phone +90 (216) 528 50 00
E-Mail info@sick.com.tr

United Arab Emirates

Phone +971 (0) 4 8865 878
E-Mail info@sick.ae

USA/México

Phone +1(952) 941-6780
1 800-325-7425 – tollfree
E-Mail info@sickusa.com

More representatives and agencies
at www.sick.com