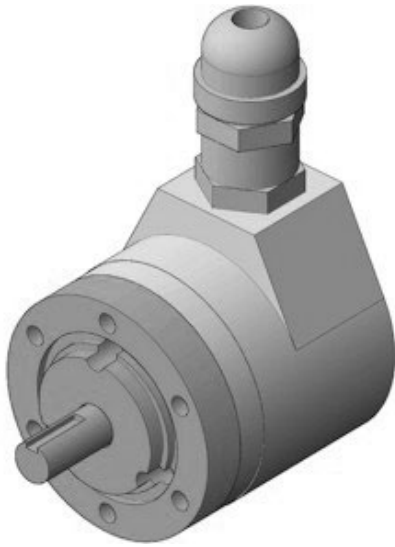


SPR - 010 for NOV



3D Cad version of encoder with flange

R X X X - 1 3 3 R - 1 0 2 4

Resolution
1024 ppr

Exit

12 x 25mm with 4x2 keyway
from front face of 'DLK1' flange
thus mimicking the
DLK1 encoders

Connection
3 = 10 m cable

Rated to -40 Degrees same as DLK1 model
7...24 Volt Extended Line Driver with all six channels



Technical Data

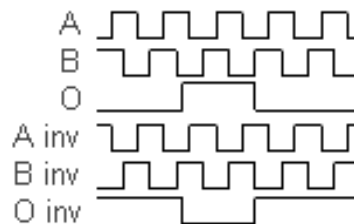
Operating temp:	- 40 ...+ 60 degrees C - 40 ...+ 140 degrees F
Max frequency:	100 kHz
Current consumption:	80 mA (max.)
Power supply:	7 - 24V
Weight:	3.0Kg
Protection:	IP 66/67
Housing:	S. Steel
Shaft:	S. Steel
Bearings:	2 x 6001 RSH
Torque:	0.7 oz/in (5 N-cm)
Humidity:	Up to 98% permissible
Speed:	6000 RPM max.
Shock:	10g (6msec)
Vibration:	5g (500 Hz)
Shaft load:	Radial / Axial 10 N
Line driver output max:	50 mA per channel
Resolution:	1024
Inertia:	100 gm-cm ²

Connection Options

	Cable
PS GND	Black
PS 7 ... 24 V	Red
Output A	White
Output B	Blue
Output O	Yellow
Output A inv	Green
Output B inv	Violet
Output O inv	Brown

Output

Diagram is shown with clockwise shaft rotation viewed from shaft end



Certifications

Does not require a barrier for use in hazardous areas, it is **Flameproof**, making the barrier redundant.

IP 66/X7

Ex d IIC

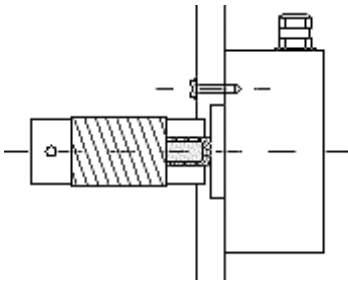
ATEX [\[Certificate\]](#)

IECEX [\[Certificate\]](#)

CSA [\[Certificate\]](#)

Mounting Instructions

Hook up the encoder with the connections as described. Make sure power supply meets specifications. Attach encoder to mounting bracket as shown. Attach shaft using a flexible coupling.



Dimensions

