

INCREMENTAL ROTARY ENCODER DG 118

Lines: up to 5400 / revolution

Optional: integrated times 5 or times 10 Subdividing Electronics

Mechanical Data:

Dimensions:	Height max. 55 mm Shaft length 10 mm (ø6 mm) Diameter 58 mm
Housing:	Aluminum
Shaft:	Stainless steel
Shaft load:	Axial 10 N Radial 20 N
Max. rotational speed:	12.000 Rpm
Operating temperature:	0 °C to +80 °C
Sealing:	IP 65 acc. to EN 60529
EMC 2004/108/EG:	acc. to DIN EN 61000-6-2: 2006

Electrical Data:

Supply:	5 V ±5% or 10 to 30 V
Power consumption:	60 to 200 mA
Reference mark:	1 per revolution
Output:	- Square-wave signals - Square-wave signals via Line Driver (RS 422 Standard)
Sampling rate:	300 kHz at square-wave signal 5 V 160 kHz at square-wave signal 10 to 30 V
Output current:	max. 20 mA
Cable:	1 m cable without connector

Dimensions:

