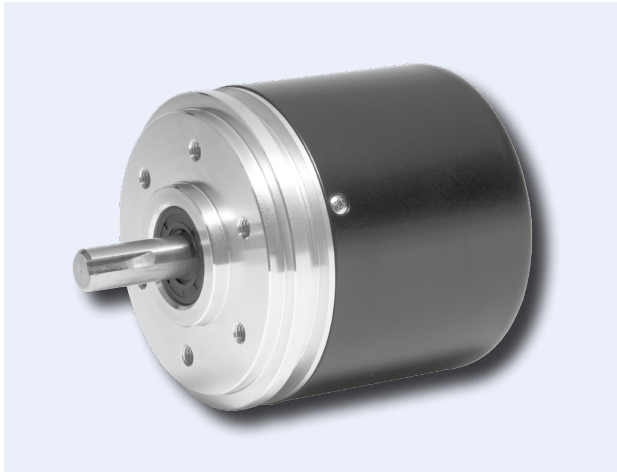




PH 05

- Incremental rotary encoder with shaft
- Very robust design for highest mechanical requirements
- Accessories from page 70

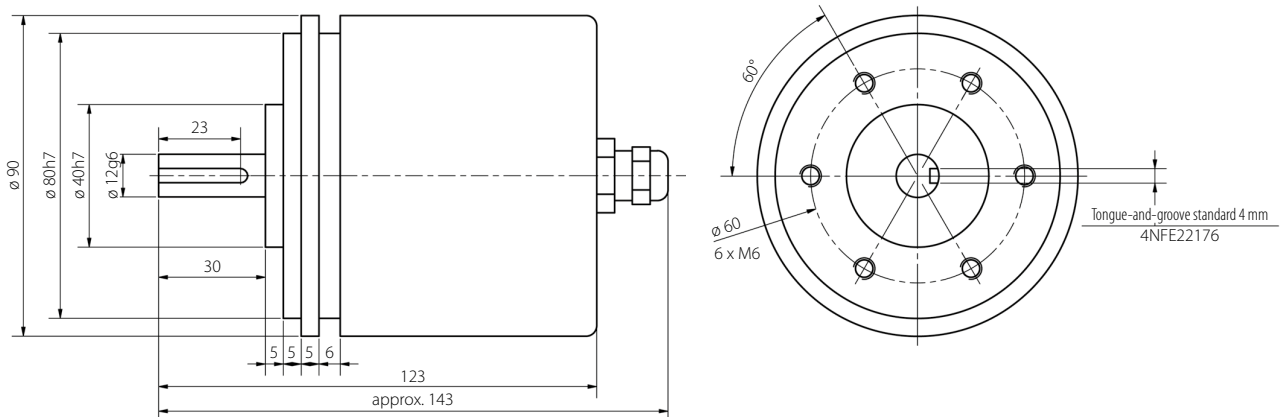
Electrical specifications

max. pulse frequency:	100 kHz
Perm. temperature range:	-30°... +70° C
Power supply:	10V... 30V DC
Max. current consumption:	80 mA (without load)
Max. output load:	30 mA (per channel)
Residual ripple:	max. $\pm 5\% U_B$
Power supply:	5V DC $\pm 5\%$
Max. current consumption:	80 mA 150 mA for Line Driver

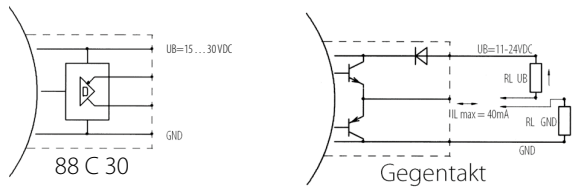
Mechanical specifications

Housing:	Powder-coated sheet steel
Flange:	Aluminium
Shaft:	stainless steel
Shaft seal:	Oil/Salt-water resistant
Bearing:	Deep groove ball bearing
Weight:	approx. 1.2 kg
Protection type:	IP 65
Max. speed:	6000 U/min
Torque:	5 Ncm
Max. shaft load:	axial 30 N radial 50 N

Mechanical dimensions



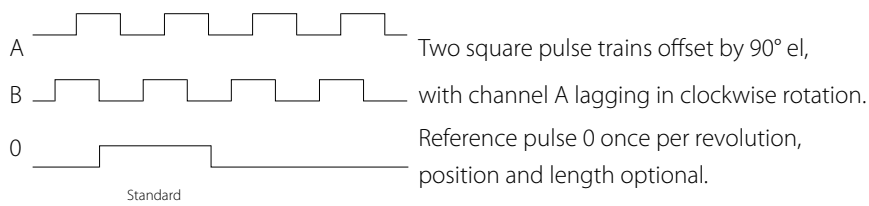
Output circuits



Order ref.: 3

5

Signal outputs



All channels can also be executed inversely.

Pin configuration

Connection	GND	+ U _B	A	B	0	AN	BN	0N
3R / 3A	white	brown	green	yellow	blue	grey	pink	ret
6R / 6A	Pin 1	Pin 2	Pin 3	Pin 4	Pin 5	Pin 6	Pin 7	Pin 8

Order reference

