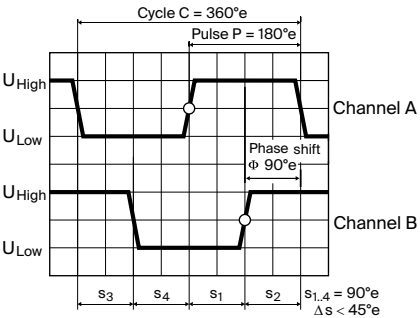


Encoder MR Type S, 16 CPT, 2 channels

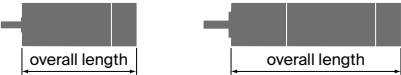


Direction of rotation cw (definition cw p. 90)

- Stock program
- Standard program
- Special program (on request)

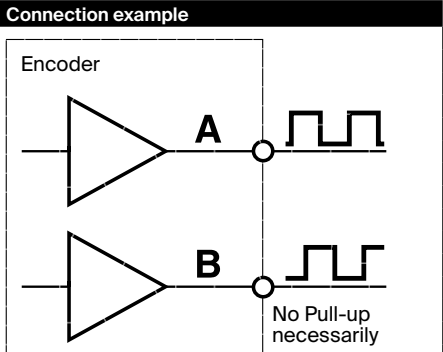
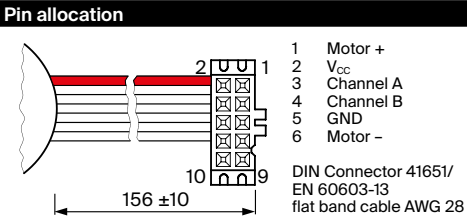
Part numbers	
201933	224702

Type		
Counts per turn	16	16
Number of channels	2	2
Max. operating frequency (kHz)	8	8
Max. speed (rpm)	30 000	30 000



Modular system					
+ Motor	Page	+ Gearhead	Page	Ø Enc [mm]	Overall length [mm] / • see Gearhead
RE 10, 0.75 W	132			10	22.8
RE 10, 0.75 W	132	GP 10, 0.01-0.15 Nm	414	10	•
RE 10, 1.5 W	134			10	30.4
RE 10, 1.5 W	134	GP 10, 0.01-0.15 Nm	414	10	•
RE 13, 0.75 W	137			13	26.3
RE 13, 0.75 W	138			13	28.7
RE 13, 0.75 W	138	GP 13, 0.2-0.35 Nm	415	13	•
RE 13, 2 W	141			13	38.5
RE 13, 2 W	142			13	40.9
RE 13, 2 W	142	GP 13, 0.2-0.35 Nm	415	13	•
RE 13, 1.5 W	145			13	28.4
RE 13, 1.5 W	146			13	30.8
RE 13, 1.5 W	146	GP 13, 0.2-0.35 Nm	415	13	•
RE 13, 3 W	149			13	40.6
RE 13, 3 W	150			13	43.0
RE 13, 3 W	150	GP 13, 0.2-0.35 Nm	415	13	•
A-max 12, 0.5 W	170			12	25.3
A-max 12, 0.5 W	170	GP 10, 0.01-0.15 Nm	414	12	•
A-max 12, 0.5 W	170	GS 12, 0.01-0.03 Nm	448	12	•
A-max 12, 0.5 W	170	GP 13, 0.2-0.35 Nm	415	12	•

Technical data	
Supply voltage V _{CC}	2.7 - 5.5 V
Typical current draw	7 mA
Output signal V _{CC} = 5 VDC	TTL compatible
Phase shift Φ	90°e $\pm$ 45°e
Betriebstemperaturbereich ¹	-40...+85°C
Moment of inertia of code wheel	$\leq$ 0.005 gcm ²
Output current per channel	max. 5 mA



¹Connecting cable: -20...+85°C