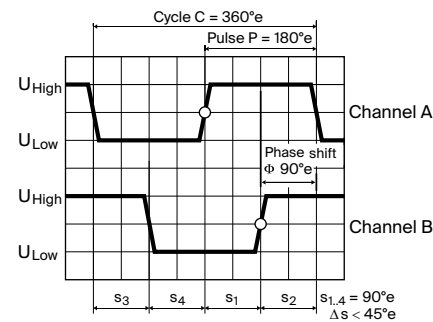


Encoder MR Type M, 32 CPT, 2 channels



sensor

Direction of rotation cw (definition cw p. 90)

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

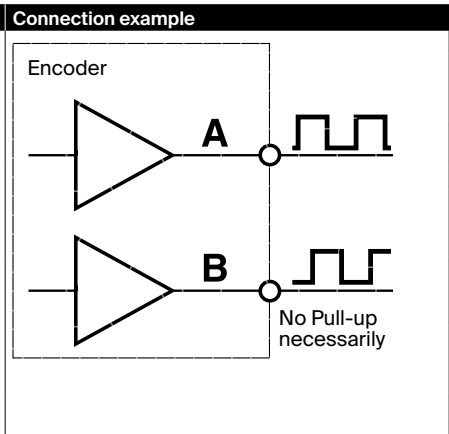
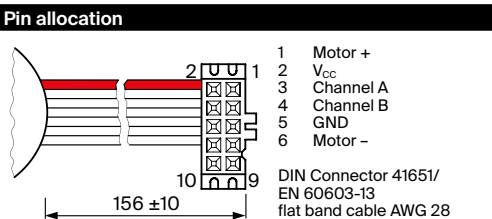
Part numbers
201935

Type	
Counts per turn	32
Number of channels	2
Max. operating frequency (kHz)	8
Max. speed (rpm)	15 000



Modular system					
+ Motor	Page	+ Gearhead	Page	Ø Enc [mm]	Overall length [mm] / • see Gearhead
RE 16, 2 W	151			16	28.0
RE 16, 2 W	151	GP 16, 0.1 - 0.6 Nm	416/417	16	•
RE 16, 2 W	151	GP 16 S	469-471	16	•
RE 16, 3.2 W	153			16	45.4
RE 16, 3.2 W	153	GP 16, 0.1 - 0.6 Nm	416/417	16	•
RE 16, 3.2 W	153	GP 16 S	469-471	16	•
RE 16, 4.5 W	155			16	48.4
RE 16, 4.5 W	155	GP 16, 0.1 - 0.6 Nm	416/417	16	•
RE 16, 4.5 W	155	GP 16 S	469-471	16	•
A-max 16	172/174			16	30.4
A-max 16	172/174	GS 16, 0.015 - 0.1 Nm	449-451	16	•
A-max 16	172/174	GP 16, 0.1 - 0.3 Nm	416	16	•
A-max 16	172/174	GP 16 S	469-471	16	•
A-max 19, 1.5 W	176			19	34.0
A-max 19, 1.5 W	176	GP 19, 0.1 - 0.3 Nm	418	19	•
A-max 19, 1.5 W	176	GP 22, 0.5 - 2.0 Nm	421	19	•
A-max 19, 1.5 W	176	GS 24, 0.1 Nm	452	19	•
A-max 19, 1.5 W	176	GP 22 S	472/473	19	•
A-max 19, 2.5 W	178			19	35.8
A-max 19, 2.5 W	178	GP 19, 0.1 - 0.3 Nm	418	19	•
A-max 19, 2.5 W	178	GP 22, 0.5 - 2.0 Nm	421	19	•
A-max 19, 2.5 W	178	GS 24, 0.1 Nm	452	19	•
A-max 19, 2.5 W	178	GP 22 S	472/473	19	•
A-max 22	180/182			22	36.9
A-max 22	180/182	GP 22, 0.1 - 0.3 Nm	419	22	•
A-max 22	180/182	GP 22, 0.5 - 2.0 Nm	419-421	22	•
A-max 22	180/182	GS 24, 0.1 Nm	452	22	•
A-max 22	180/182	GP 22 S	472/473	22	•

Technical data	
Supply voltage V _{CC}	2.7 - 5.5 V
Typical current draw 2 channel	6 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	$\leq$ 0.09 gcm ²
Output current per channel	max. 5 mA



¹Connecting cable: -20...+85 °C