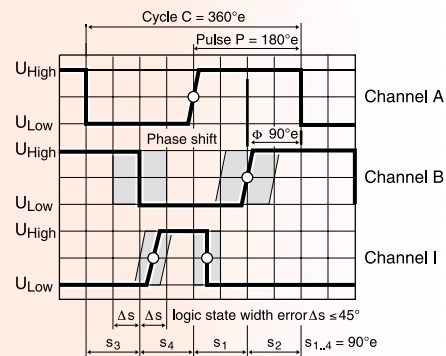


Digital MR Encoder with Line Driver 5 mA, Type S



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

Order Number					
228440	228441	228442	228443	228444	228445

Type						
Counts per turn		64	64	128	128	256
Number of channels		2	3	2	3	3
Max. operating frequency (kHz)		80	80	160	160	320



Combination						Overall length [mm] / see: + Gearhead					
+ Motor	Page	+ Gearhead	Page	+ Brake	Page						
RE 13, 0.75 W	57					26.3	26.3	26.3	26.3	26.3	26.3
RE 13, 0.75 W	58					28.7	28.7	28.7	28.7	28.7	28.7
RE 13, 0.75 W	58	GP 13, 0.2 - 0.35 Nm	179								
RE 13, 0.75 W	58	GP 13, 0.05 - 0.15 Nm	180								
RE 13, 2 W	61					38.5	38.5	38.5	38.5	38.5	38.5
RE 13, 2 W	62					40.9	40.9	40.9	40.9	40.9	40.9
RE 13, 2 W	62	GP 13, 0.2 - 0.35 Nm	179								
RE 13, 2 W	62	GP 13, 0.05 - 0.15 Nm	180								
RE 13, 1.5 W	65					28.4	28.4	28.4	28.4	28.4	28.4
RE 13, 1.5 W	66					30.8	30.8	30.8	30.8	30.8	30.8
RE 13, 1.5 W	66	GP 13, 0.2 - 0.35 Nm	179								
RE 13, 1.5 W	66	GP 13, 0.05 - 0.15 Nm	180								
RE 13, 3 W	69					40.6	40.6	40.6	40.6	40.6	40.6
RE 13, 3 W	70					43.0	43.0	43.0	43.0	43.0	43.0
RE 13, 3 W	70	GP 13, 0.2 - 0.35 Nm	179								
RE 13, 3 W	70	GP 13, 0.05 - 0.15 Nm	180								
RE-max 13, 0.75 W	128					25.2	25.2	25.2	25.2	25.2	25.2
RE-max 13, 0.75 W	128	GP 13, 0.2 - 0.35 Nm	179								
RE-max 13, 0.75 W	128	GP 13, 0.05 - 0.15 Nm	180								
RE-max 13, 2 W	130					36.2	36.2	36.2	36.2	36.2	36.2
RE-max 13, 2 W	130	GP 13, 0.2 - 0.35 Nm	179								
RE-max 13, 2 W	130	GP 13, 0.05 - 0.15 Nm	180								

Technical Data	
Supply voltage	5 V ± 5 %
Output signal	TTL compatible
Index pulse width (nominal)	90°e
Operating temperature range	-25 ... +85°C
Moment of inertia of code wheel	≤ 0.005 gcm²
Output current per channel	max. 5 mA

Pin Allocation	
	1 Motor + 2 Vcc 3 Gnd 4 Motor - 5 Channel A 6 Channel A 7 Channel B 8 Channel B 9* Channel I (Index) 10* Channel I (Index)
DIN Connector DIN 41651 Flexprint *version with 3 channels	

Connection Example	