

## Shaft Encoder Systems



### TYPE 12, TYPE 12 ANGLED & TYPE 13



#### TECHNICAL INFORMATION:

Diameter of encoder pulley type-12: d=80mm.  
Diameter of encoder pulley type-13: d=75mm.  
Max. lifting height: 40 m.

#### Toothed Belt:

Special toothed belt b=5mm ready made for the delivery-length: 15m, 20m, 25m, 30m, 35m, 40m, 45m, 50m, 55m, 60m, 70m, 80m, 90m, 100m.

Calculation of the required belt-length: lifting height x 2 + 10m.

Example for a lifting height of 17m:  $17m \times 2 + 10m = 44m \Rightarrow 45m$  belt-length.

#### PART NUMBERS & DESCRIPTION

- ART. 9177** Mechanics set TYPE-12.  
Complete mechanic set without encoder, toothed belt pulley circumference: 257,31 mm.
- ART. 9173** Mechanics set TYPE-12 125 pulses.  
Complete mechanics set type-12 with incremental encoder, 4,75V-30V, 4 tracks 125 pulses/turn, 10m cable, well solution: 2,06mm/pulse.
- ART. 9169** Mechanics set TYPE-12 250 pulses.  
Complete mechanics set type-12 with incremental encoder 4,75V-30V, 4 tracks, 250 pulses/turn, 10m cable, well solution: 1,03 mm/pulse.
- ART. 8312** Mechanics set TYPE-12 314 pulses.  
Complete mechanics set type-12 with incremental encoder 4,75V-30V, 4 tracks, 314 pulses/turn, 10m cable, well solution: 0,82 mm/pulse.
- ART. 52248** Mechanics set TYPE-12 500 pulses.  
Complete mechanics set type-12 with incremental encoder 4,75V-30V, 4 tracks, 500 pulses/turn, 10m cable, well solution: 0,51 mm/pulse.
- ART. 9277** Mechanics set TYPE-12 Abs. 2.  
Complete mechanic set type-12 with absolute encoder GM400.Z09, IP54, 24V, plug without cable.
- ART. 63860** Mechanics set TYPE-12 CAN.  
Complete mechanic set type-12 with CAN absolute encoder for DSP406 with SUB-D plug, 10m cable.
- ART. 9180** Mechanics set TYPE-12 FWS.  
Complete mechanics set type-12 with absolute encoder GM400.Z26, suitable for FWS/3000.
- ART. 8314** Mechanics set TYPE-12 angled 125 pulses.  
Complete mechanics set type-12 angled with incremental encoder, 4,75V-30V, 4 tracks 125 pulses/turn, 10m cable, well solution: 2,06mm/pulse.
- ART. 8315** Mechanics set TYPE-12 angled 250 pulses.  
Complete mechanics set type-12 angled with incremental encoder 4,75V-30V, 4 tracks, 250 pulses/turn, 10m cable, well solution: 1,03 mm/pulse.
- ART. 8316** Mechanics set TYPE-12 angled 314 pulses.  
Complete mechanics set type-12 angled with incremental encoder 4,75V-30V, 4 tracks, 314 pulses/turn, 10m cable, well solution: 0,82 mm/pulse.
- ART. 8317** Mechanics set TYPE-12 angled 500 pulses.  
Complete mechanics set type-12 angled with incremental encoder 4,75V-30V, 4 tracks, 500 pulses/turn, 10m cable, well solution: 0,51 mm/pulse.
- ART. 8313** Mechanics set TYPE-12 angled.  
Complete mechanic set angled without encoder, toothed belt pulley circumference: 257,31 mm.
- ART. 9253** Mechanics set TYPE-13.  
Complete mechanics set type-13 without encoder, toothed belt pulley circumference: 238,25 mm.