

NCH – Exposed incremental optical scale, with no contact

- Reading transducer made of die-cast metallic material, of small overall dimensions.
- Stainless steel grating. Dimensions 18x0.305 mm in a single section.
- Double fixing system of the reading transducer, horizontally or vertically.
- Very flexible connecting cable.
- High stability of signals.
- Wide alignment tolerances.

NCH T10Z - W10

Resolution 10 µm

	T10Z	W10
Resolution	10 µm	10 µm
Grating pitch	200 µm	400 µm
Accuracy	± 5 µm	± 5 µm
Transducer-grating distance	0.5 mm	0.8 mm
Max. traversing speed	300 m/min	120 m/min
Reference indexes	at constant step (50 mm)	not available
Output	LINE DRIVER	LINE DRIVER / PUSH-PULL
Protection class	IP 40	IP 40



NCH T5Z - W5

Resolution 5 µm

	T5Z	W5
Resolution	5 µm	5 µm
Grating pitch	200 µm	200 µm
Accuracy	± 5 µm	± 5 µm
Transducer-grating distance	0.5 mm	0.5 mm
Max. traversing speed	210 m/min	120 m/min
Reference indexes	at constant step (50 mm)	not available
Output	LINE DRIVER	LINE DRIVER / PUSH-PULL
Protection class	IP 40	IP 40

NCH T1Z

Resolution 1 µm

Resolution	1 µm
Grating pitch	200 µm
Accuracy	± 5 µm
Transducer-grating distance	0.5 mm
Max. traversing speed	120 m/min
Reference indexes	at constant step (50 mm)
Output	LINE DRIVER
Protection class	IP 40

