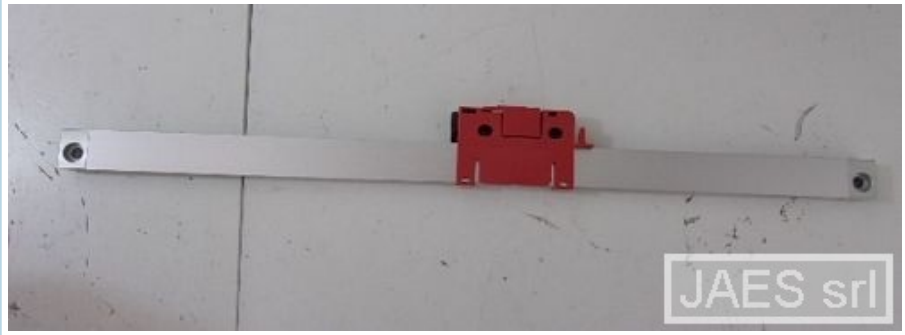
TECHNICAL DATA SHEET

HEIDENHAIN

LF481C-500

ENCODER



Specifications	
Measuring length (ML)	**500 mm**

Dimensions	
Total length	**ML+125 mm**

Performance	
Accuracy grade	**± 3.0 µm**

Electrical	
Output signal	**sinusoidal voltage signals (1 Vss)**
Power supply	**5V ± 5%**

Features	
Reference mark position	**Distance-coded reference marks with base distance 5000 x signal period**
Further reference marks	**none**

Mechanical	
Mounting type	**Mounting rail**

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Environmental	
Operating temperature	**0 °C to 50 °C**
Protection IEC 60 529	**IP 53 when mounted according to the mounting instructions; IP 64 if compressed air is connected via DA 300**

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