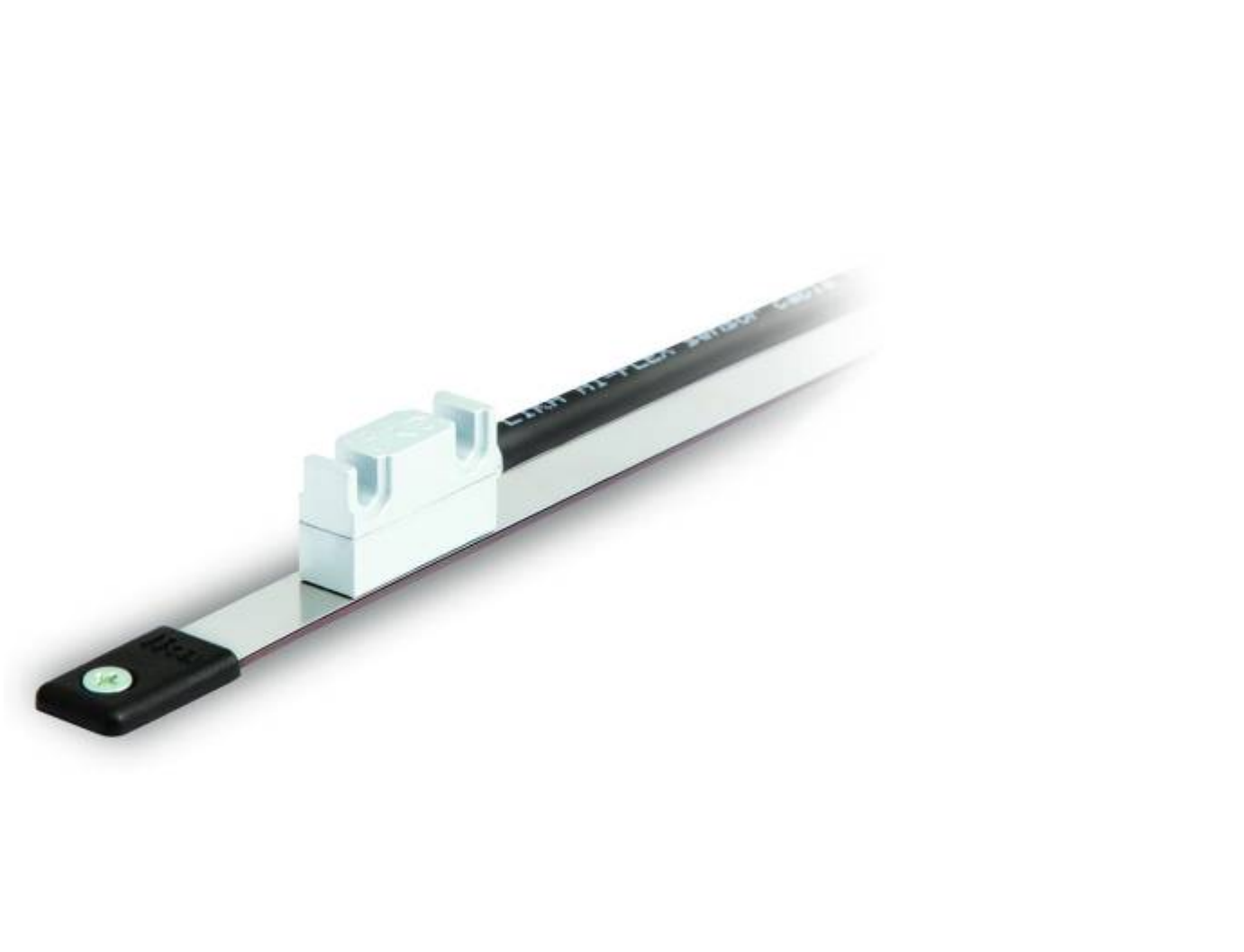


Encoder type

GDM linear unit can be equipped with different types of linear encoders: Incremental, Digital and Absolute Hiperface

Incremental magnetic SIN/COS 1Vpp (Default)



Performance

Parameter	Value
Repeatability	+/- 1 increment (with 12 Bit \Rightarrow +/-1 microns)
Accuracy	max 1% of period length (with MT10 \Rightarrow +/- 10 microns)
Power consumption	25mA typ, 50mA max

Pinout

Function	Cable wire colors
0 VDC	Black

+5VDC +/-5%	Red
SIN+	Yellow
SIN-	Blue
COS+	Green
COS-	Orange
Shielding	Shield

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Knowledgebase

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