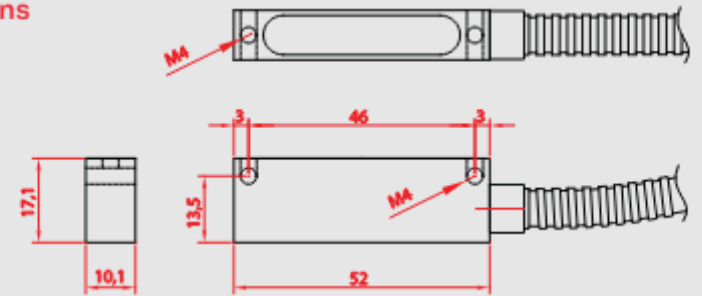


EH-05 Series Encoders

- Fully sealed to IP67 - coolant proof and suitable for harsh workshop conditions
- Compact, suitable for all sizes of machines. Ideal for lathe cross slides & limited space installation
- Cut-to-length encoder creates maximum flexibility during installation
- Available in a range of reading lengths, please contact us for machine travels over 3 metres
- Long-length encoder support profiles are supplied in cut lengths that can either butt or join
- Non-contact system which allows for a more robust and shock-resistant install

> Reading Head

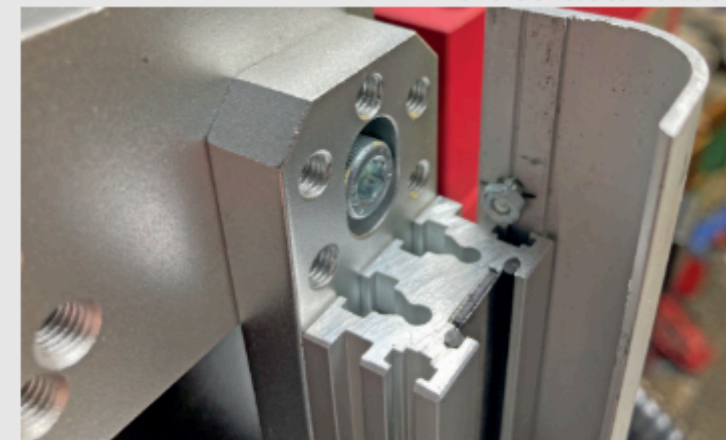
Reading Head Dimensions



Specifications

| | DRO-MG-EH-05 | DRO-MG-EH-01 | DRO-MG-EH-25 | DRO-MG-EH-05-DIFF | DRO-MG-EH-01-DIFF |
|------------------------|---|--------------|--------------|-------------------------------|-------------------|
| Encoder Type | Magnetic | | | | |
| Resolution (µm) | 5 | 1 | 25 | 5 | 1 |
| Output Signal | 5 Volt TTL Quadrature | | | RS422 Differential Quadrature | |
| Cable Length (m)* | 3.5 | | 3 | 3.5 | |
| Cable & Connector Type | Metal armoured cable with 9 pin D type male | | | | |
| Z Reference | Yes | | No | | Yes |
| Protection Class | IP67 | | | | |

* extension cables available





EH-05 Series Magnetic Encoder Support Profiles

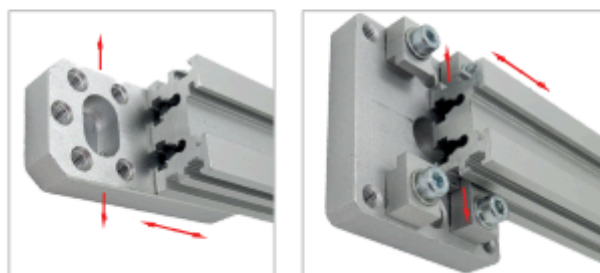
Standard Profile AP-25

A compact support profile ideal for installation on machined surfaces. Through hole fixing using M4 large pan head bolts that allow for adjustment.



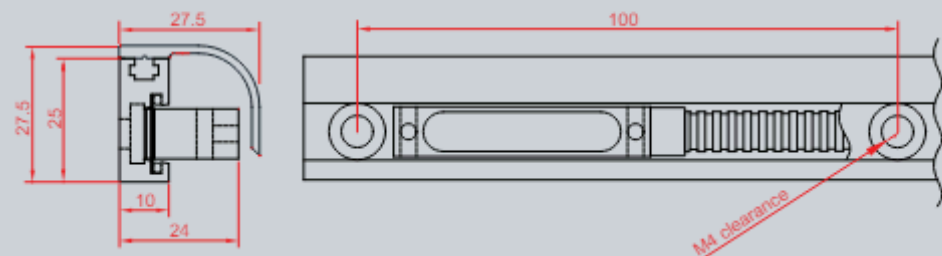
Heavy Duty Profile AP-30

A larger support profile ideal for mounting on non-machined surfaces and can bridge up to 750mm without additional support. Supplied with bolt-on end blocks with fixing slots and jacking screws for easy adjustment. The joining plate has jacking screws for adjustment level and features two independent sets of clamps to allow for alignment of the two support profile sections.

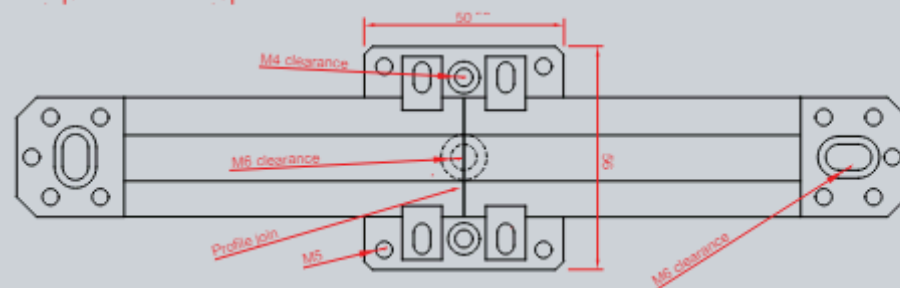
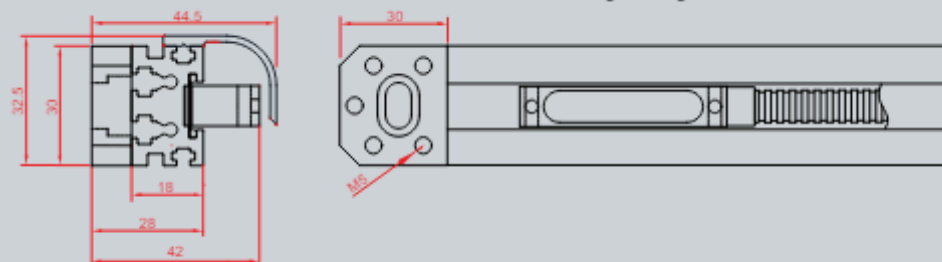


Profile Dimensions

AP-25 Standard Profile



AP-30 Heavy Duty Profile



| Encoder Travel | AP-25 Part Number | AP-30 Part Number | Encoder Travel | AP-25 Part Number | AP-30 Part Number |
|----------------|-------------------|-------------------|----------------|-------------------|-------------------|
| 150 | DRO-MG-KT-200 | - | 1650 | DRO-MG-KT-1700 | DRO-MG-KT-30-1700 |
| 250 | DRO-MG-KT-300 | - | 1750 | DRO-MG-KT-1800 | DRO-MG-KT-30-1800 |
| 350 | DRO-MG-KT-400 | DRO-MG-KT-30-400 | 1850 | DRO-MG-KT-1900 | DRO-MG-KT-30-1900 |
| 450 | DRO-MG-KT-500 | DRO-MG-KT-30-500 | 1950 | DRO-MG-KT-2000 | DRO-MG-KT-30-2000 |
| 550 | DRO-MG-KT-600 | DRO-MG-KT-30-600 | 2050 | DRO-MG-KT-2100 | DRO-MG-KT-30-2100 |
| 650 | DRO-MG-KT-700 | DRO-MG-KT-30-700 | 2150 | DRO-MG-KT-2200 | DRO-MG-KT-30-2200 |
| 750 | DRO-MG-KT-800 | DRO-MG-KT-30-800 | 2250 | DRO-MG-KT-2300 | DRO-MG-KT-30-2300 |
| 850 | DRO-MG-KT-900 | DRO-MG-KT-30-900 | 2350 | DRO-MG-KT-2400 | DRO-MG-KT-30-2400 |
| 950 | DRO-MG-KT-1000 | DRO-MG-KT-30-1000 | 2450 | DRO-MG-KT-2500 | DRO-MG-KT-30-2500 |
| 1050 | DRO-MG-KT-1100 | DRO-MG-KT-30-1100 | 2550 | DRO-MG-KT-2600 | DRO-MG-KT-30-2600 |
| 1150 | DRO-MG-KT-1200 | DRO-MG-KT-30-1200 | 2650 | DRO-MG-KT-2700 | DRO-MG-KT-30-2700 |
| 1250 | DRO-MG-KT-1300 | DRO-MG-KT-30-1300 | 2750 | DRO-MG-KT-2800 | DRO-MG-KT-30-2800 |
| 1350 | DRO-MG-KT-1400 | DRO-MG-KT-30-1400 | 2850 | DRO-MG-KT-2900 | DRO-MG-KT-30-2900 |
| 1450 | DRO-MG-KT-1500 | DRO-MG-KT-30-1500 | 2950 | DRO-MG-KT-3000 | DRO-MG-KT-30-3000 |
| 1550 | DRO-MG-KT-1600 | DRO-MG-KT-30-1600 | 3050 | DRO-MG-KT-3100 | DRO-MG-KT-30-3100 |

All dimensions in mm