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### 3.8.4 Dimensions of the PG blocks

The following figure shows an HGH20CA/HGH25CA block. It is also possible to attach to the other versions of the HG\_20, HG\_25, QH\_20, QH\_25, CG\_20 and CG\_25: and CG\_25 sizes. The overall dimensions then change accordingly. The dimensions of all block sizes are listed in [Table 3.125](#).

### 3.8.5 Dimensions of the PG rails

#### 3.8.5.1 Profile rail with groove, mounting from above (HG/QH series)

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# Linear guideways

PG series

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Magnetic tape separate (left) without cover strip and integrated in a guide rail  
(right) with stainless steel cover strip

## 3.8.8 Connection of MAGIC positioning measuring system

3.8.8.1 Line assignment (for analogue and digital v1 (06.692c/nts))Tf0 -1.222 Td[(A high-quality 8-cor)5.1 (e cable is used, each V1+, V1-, V2+, V2- and V0+, V0- (or A)-24

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Recommended downstream electronic circuit with sin/cos-1  $V_{SS}$  output

**TTL output (digital)**

The signals to the A and B channels phase-shifted by 90° (according to the RS-422