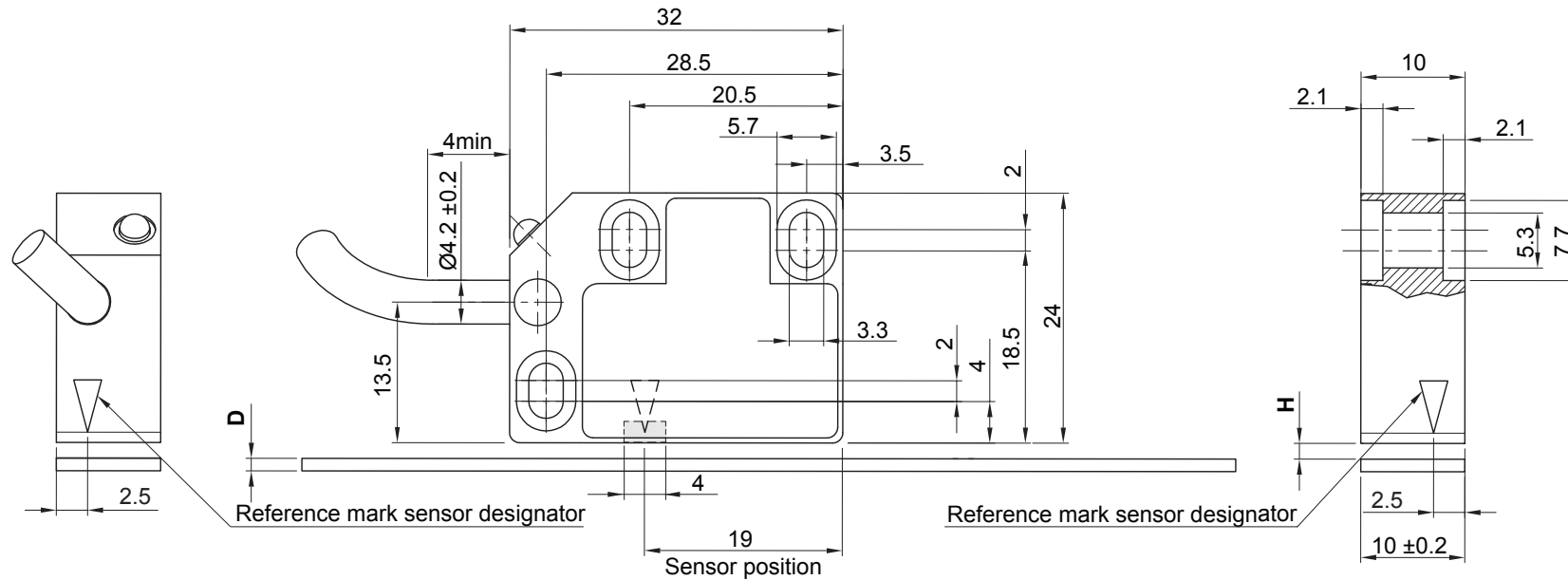


# Dimensions

## LM10 readhead with MS10 scale

Dimensions and tolerances in mm.



	Magnetic scale thickness (D)		Ride height (H)	
	With back adhesion*	Without back adhesion*	Maximum range	Recommended range**
No cover foil, cut or magnetised reference mark	1.5 ± 0.15	1.3 ± 0.15	0.1–1.5	0.1–1.0 For AS output: 0.1–0.5
No cover foil, stick-on reference mark	1.5 ± 0.15	1.3 ± 0.15		0.5–1.5
With cover foil, cut or magnetised reference mark	1.6 ± 0.15	1.4 ± 0.15	0.1–1.3	0.1–0.9 For AS output: 0.1–0.4
With cover foil, stick-on reference mark	1.6 ± 0.15	1.4 ± 0.15	0.5–1.3	0.5–0.9