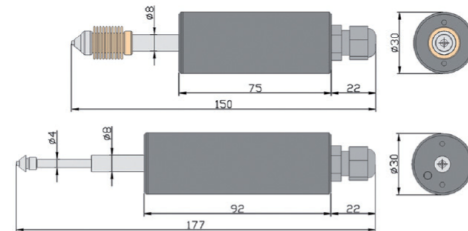


## ABSOLUTE LINEAR POSITION SENSORS (ABSOLUTE LINEAR ENCODERS)

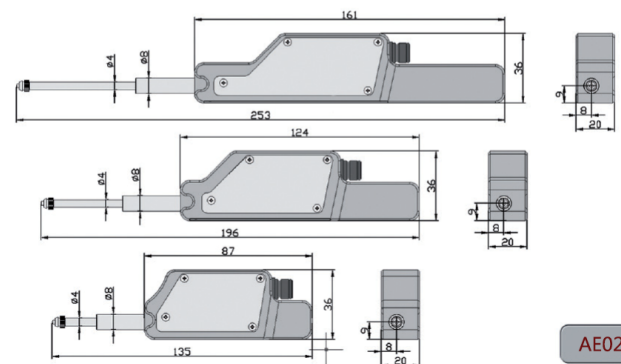
## AEOX Series

Absolute linear encoders are designed for measuring and checking displacements, dimensions, run-outs, surface profiles and deformations of engineered objects.

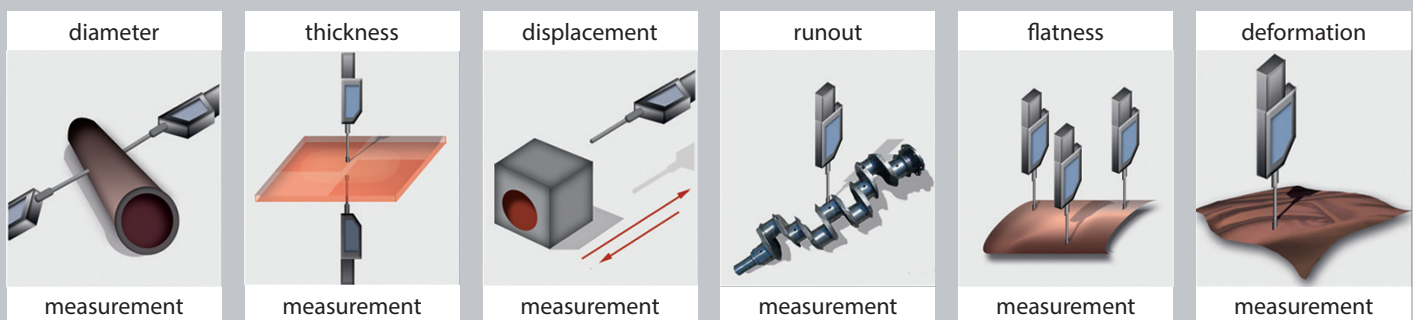
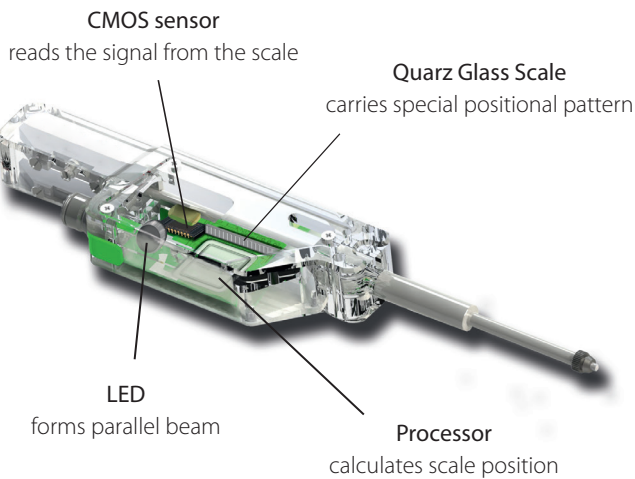
- Innovative technology of absolute measurement
- Measuring ranges from 3 to 55 mm
- 0.1 μm resolution
- Emulation of incremental encoder signals



AE01



AE02



AEOX-	AE01-3	AE01-25	AE02-15	AE02-35	AE02-55
Measurement range, mm	3	25	15	35	55
Accuracy (at T=20 °C), μm		±2			±3
Resolution, μm			0.1 or 0.5 or 1 or 5 or 10		
Output interface	digital	RS422	(RS485 and SSI or RS232) and (EncD5 or EncD10 – emulation of quadrature signals of incremental trans-ducers)		
	analog	no	0...20 mA (<500 Ohm load) or 0...10 V		
Synchronization input		no	opto-isolated		
Logical outputs	no		two outputs, NPN: 100 mA max; 40 V max		
Indication		no	two-color LED (red/green)		
Power supply, V			12 (without analogue output) 15 (with analogue output)		
Power consumption, W			0.75		
Enclosure rating	IP57		IP50		
Operating temperature, °C	-40...+50		-10...+50		
Weight (without cable), gram	70	110	110	150	180