

13 RPM measurement SCRPM analogue

RPM measurement SCRPM analogue

- Also for contactless speed measurement
- Measurement of speeds up to 10,000 RPM
- With 3 m fixed cable



Speed-dependent performance data, such as the feed rate of regulated pumps, can ideally be determined in combination with a pressure and volume flow measurement of a hydraulic drive.

The contactless speed measurement (optoelectronic principle) can be performed quickly and easily.

The speed can be detected on a drive shaft, for example, and displayed in the measuring device. No settings or adjustments required.



Rotating shaft: Contactless speed measurement.

Contact speed measurement with contact adapter.



Front speed measurement with contact adapter.

The included reflective strips are used for the precise detection of the optoelectronic signal.

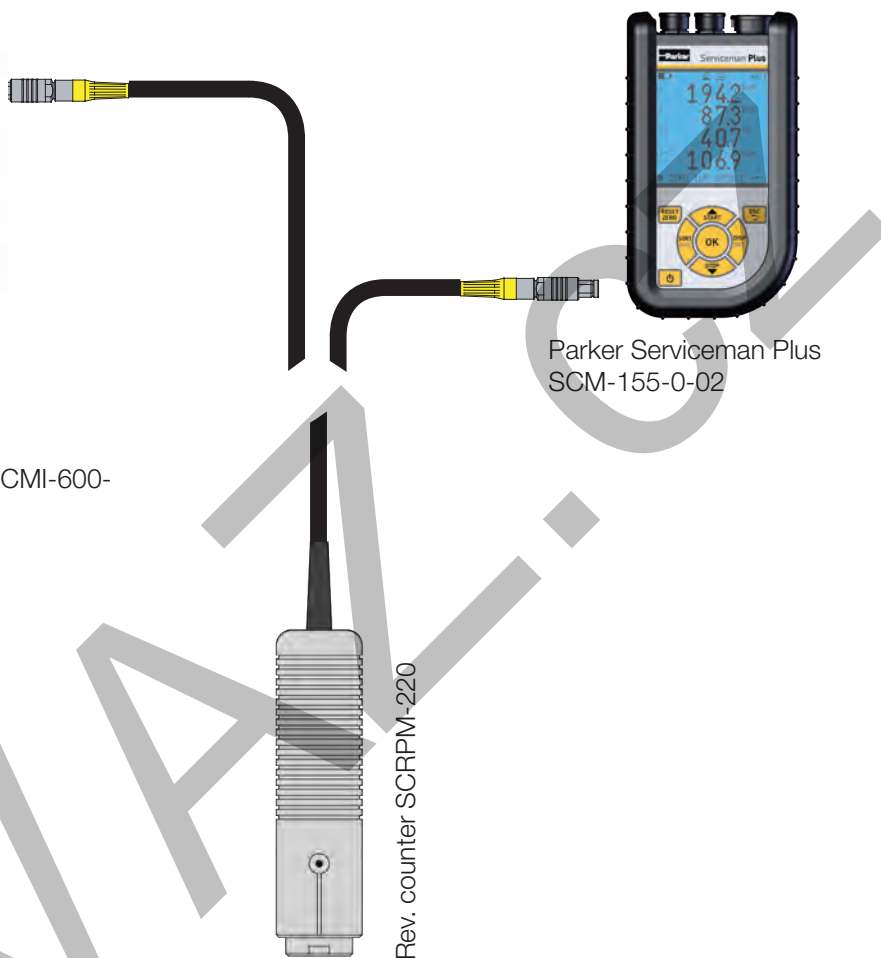
The speed to be recorded is measured directly with the contact adapter on a shaft or drive unit.

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Functional description



The Parker Service Master CONNECT
SCM-600-xx with input module analogue SCMI-600-
01 or SCMI-600-03



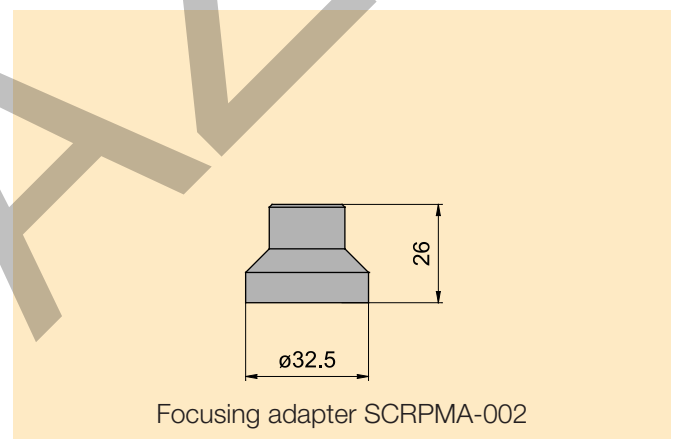
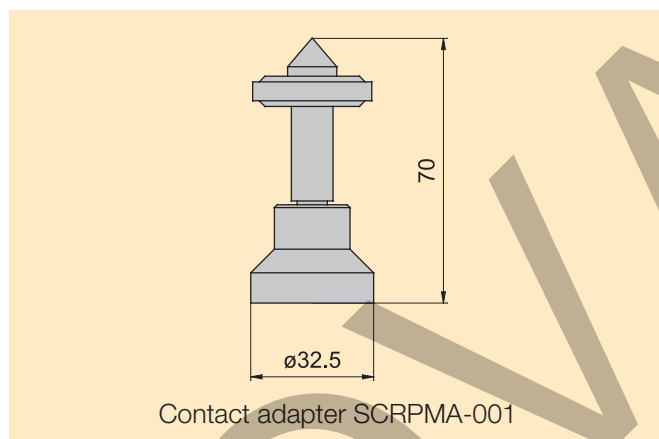
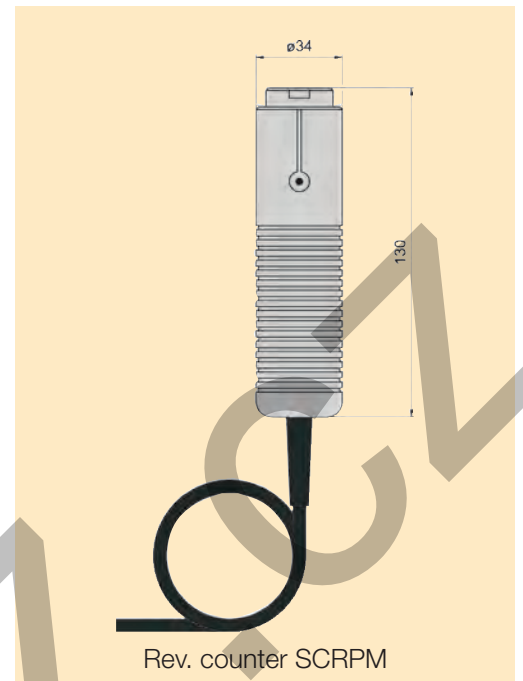
Parker Serviceman Plus
SCM-155-0-02

Rev. counter SCRPM-220

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Technical data

Input	
Measurement distance	25...500 mm
Measurement angle	$\pm 45^\circ$
Measurement type	optical, red LED
Output	
Measuring range	20...10,000 RPM
Accuracy	$< 0.5 \% \text{ FS}^*$
Resolution	$\pm 5 \text{ RPM}$
Electrical connection to hand-held measuring device	
Fixed cable 3 m**	5 pin push-pull
General	
Material	ABS
Dimension	$\varnothing 34 \text{ mm/L} = 130 \text{ mm}$
Weight	230 g
Ambient temperature	0...70 °C
* FS = FullScale (full scale value)	
** Cable must not be extended	



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Supply range and accessories

SCRPM rev. counter	Order designation
20 ... 10,000 RPM (incl. 3 x reflective strips 2.5 x 7.5 cm)	SCRPM-220

SCRPM rev. counter with calibration certificate as per ISO 9001	Order designation
20...10,000 RPM	K-SCRPM-220

SCRPM accessories	Order designation
Contact adapter	SCRPMA-001
Focusing adapter	SCRPMA-002
Reflective strips (replacement 1.5 x 60 cm))	SCRPMA-010