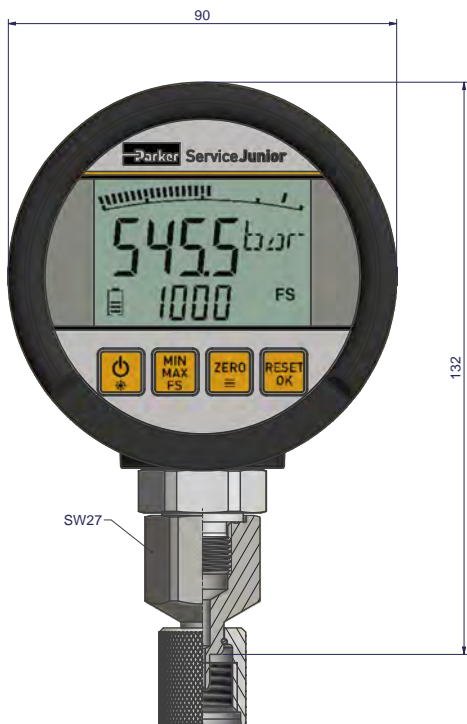
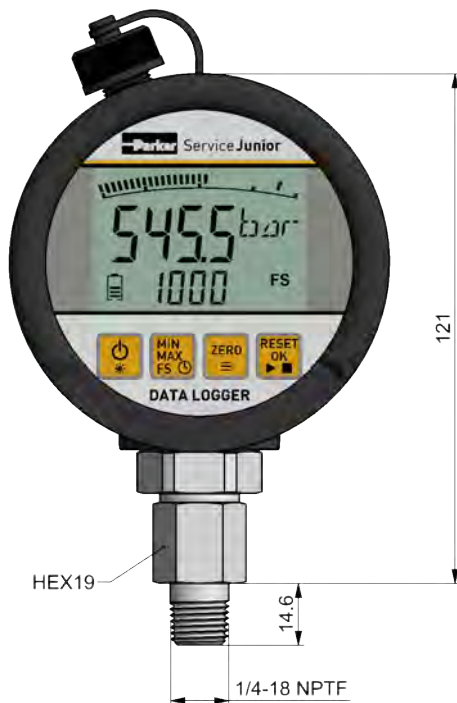


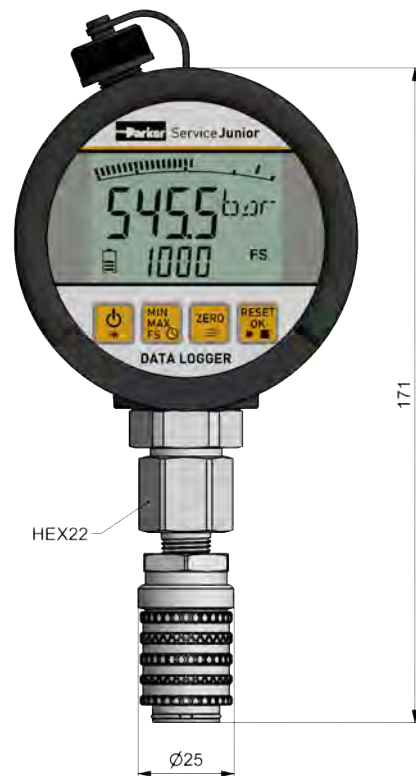
Dimensional drawings



ServiceJunior SCJN-xxx-xx-EMA



ServiceJunior SCJN-xxx-xx-4MP
(USA only)



ServiceJunior SCJN-xxx-xx-PD

1 ServiceJunior

Technical data

SCJN-	016	100	400	600	1000
Measuring range (bar) (psi)	-1...16 -14.5...232	0...100 0...1450	0...400 0...5800	0...600 0...8700	0...1000* 0...14500
Overload pressure (bar) (psi)	16 232	100 1450	40 5800	600 8700	630 14500
Overload pressure P _{max} (bar) (psi)	32 464	200 2900	800 11600	1000 14500	1000 14500
Burst pressure (bar) (psi)	160 2320	800 11600	1700 24650	2000 29000	2000 29000
Housing	Ø = 90 mm, D = 45 mm Die-cast zinc with rubber protective cover TPE				
Weight	approx. 500 g				
Outlet Connection	Stainless steel 1/4" BSPP (ISO 228-1), Adapter M16x2 SCA-1/4-EMA-3 in scope of delivery				
Input	10-ms sample rate Accuracy 0.5 % FS ±1 Digit: SCJN-xxx-01 0.25 % FS ±1 Digit: SCJN-xxx-03 0.1 % FS ±1 Digit: SCJN-xxx-02 + 0.2%/year				
Display indication	LC text display 4.5 digits backlight				
Seal	NBR				
Media-contacting parts	Stainless steel, NBR				
Power supply	2 x 1.5 V batteries (AA) Battery life max. 1,500 h				
Functions	Units: mbar, bar, PSI, Mpa, kPa, kg/cm ² Representation MIN/MAX/FS Battery level indicator Auto Power Off/On Zero (zero point adjustment) Reset (delete MIN/MAX)				
Data logger (optional)	Mini-USB port / with protective cap Real time clock Storage rate from 100 ms. Up to 18000 readings (automatic data compression) Maximum measurement time: 24 hours Number of measurements: 10 Storage format: CSV				
Ambient conditions	Ambient temperature -10... + 50 °C (0 ... 50 °C for SCJN-xxx-x2) / +14 ... + 122 °F (+24 ... +122 °F) Storage temperature -20...+60 °C / -4...+140 °F Media temperature -20...+80 °C / -4...+176 °F Rel. humidity < 85 % Protection class IP67 EN 60529, data logger version IP65 Vibration IEC 60068-2-6/ 10...500 Hz, 5 g Shock load IEC 60068-2-29/25 g, 11 ms				
Load change	100 mil.				
* Nominal pressure 630 bar, for pressure peaks up to 1000 bar					

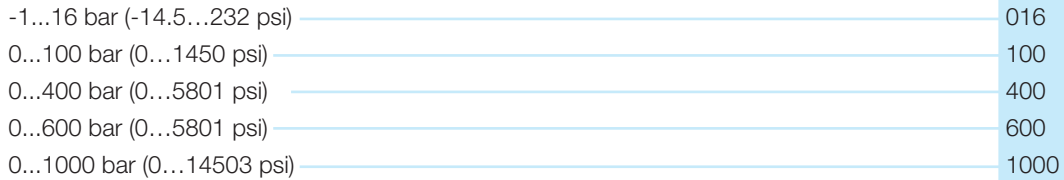
Order codes and accessories

ServiceJunior

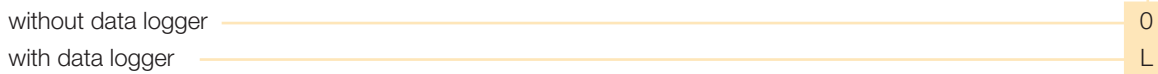
ServiceJunior with ISO 9001 calibration certificate



Pressure range



Version



Accuracy



Adapter

Standard: SCA-1/4-EMA-3CF adapter (EMA3 M16 x 2)



ServiceJunior kits: Measurement ranges -1...016 bar/0...100 bar/0...400 bar/0...600 bar

Scope of delivery:	Order designation
<ul style="list-style-type: none"> Equipment case SCC-120 (USA case SCC-300) ServiceJunior SCJN-xxx-x1 (0.5%) incl. adapter (1/4" BSPF female - M16x2 female) SCA-1/4-EMA-3CF Adapter (M16x2 male - M16x2 male) SCA-EMA-3/3 Measuring hose 1,500 mm (M16x2) SMA3-1500CF 	
ServiceJunior kit	SCJN-KIT-xxx
ServiceJunior kit with calibration certificate as per ISO 9001	K-SCJN-KIT-xxx
ServiceJunior kit with PD adapter (USA only)	SCJN-KIT-xxx-PD
ServiceJunior kit with PD adapter and calibration certificate as per ISO 9001 (USA only)	K-SCJN-KIT-xxx-PD
ServiceJunior kit with data logger	SCJN-KIT-xxx-L1
ServiceJunior kit with data logger and ISO 9001 calibration certificate	K-SCJN-KIT-xxx-L1

* only 0.5% accuracy, not available for 1,000 bar

Spare parts/accessories

Spare parts/accessories	Order designation
Equipment case	SCC-120
Blue rubber protection	SCJN-RUBBER-BLU
Green rubber protection	SCJN-RUBBER-GRE
Rubber protection orange	SCJN-RUBBER-ORA
Rubber protection red	SCJN-RUBBER-RED
Black rubber protection	SCJN-RUBBER-BLA

