20 Connection cables SCK

Connection cables SCK

- Compact size
- Interference-free
- Compatible with all diagnosis sensors and diagnostic measuring devices
- Push-pull plug
- Various lengths available
- Oil-resistant material

Cables for CAN bus sensors

Parker CAN bus cables are used to connect Parker CAN bus sensors to **The Parker Service Master *Plus*** SCM-500 or **The Parker Serviceman Plus** SCM-155-2-05.

The quick-plug-screw connection SPEEDCON* makes connecting simple and secure.

CAN connection cable
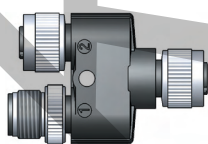SCK-401-xx-4F-4M

CAN Y-junction
SCK-401-0.3-Y

CAN T-junction
SCK-401-T

CAN Y-junction
SCK-401-Y

CAN terminating resistor
SCK-401-R

Cables for analogue sensors

The **SensoControl®** diagnostic cables were designed for use in harsh working conditions.

5-pin version

The 5-pin cables with push-pull plugs are suitable for all 5-pin analogue connections.

4-pin version

Diagnostic cables with 4-pin plugs are only compatible with the Serviceman types SCM-150-1-01/02 and SCM-152-2-08.

Connection cable (5 pin)
SCK-102-xx-02

Extension cable (5 pin)
SCK-102-05-12

Adapter
SCK-002-08
(for connecting 4-pin sensors to newer devices)

Connection cable (4 pin)
SCK-102-02-08
(for connecting newer analogue sensors to devices with 4-pin connection)

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Accessories

Technical data

Plug housing	
Material	Cu alloy
Surface	Chrome plated
Protection class (while plugged in)	analogue IP54 CAN IP67

Cable		
Sheathing		PUR
Colour		black
Permitted temperature	Stationary operation Non-stationary operation	-20 … +70 °C -5 … +70 °C
Shielding		Cu meshed shield

Supply range and accessories

SCK analogue connection cables	Order code
3 m (male 5 pin - male 5 pin)	SCK-102-03-02
5 m (male 5 pin - male 5 pin)	SCK-102-05-02
5-m extension cable (male 5 pin - female 5 pin)	SCK-102-05-12
Adapter (female 4 pin - male 5 pin)	SCK-002-08
2 m (4 pin) is only for the older versions of the Serviceman (SCM-150-1-01/02 and SCM-152-2-08)	SCK-102-02-08

SCK connection cables CAN*	Order code
0.5 m (male 5 pin - female 5 pin)	SCK-401-0.5-4F-4M
2 m (male 5 pin - female 5 pin)	SCK-401-02-4F-4M
5 m (male 5 pin - female 5 pin)	SCK-401-05-4F-4M
10 m (male 5 pin - female 5 pin)	SCK-401-10-4F-4M
20 m (male 5 pin - female 5 pin)	SCK-401-20-4F-4M
CAN Y-junction	SCK-401-Y
CAN Y-junction incl. 0.3-m cable	SCK-401-0.3-Y
CAN T-junction	SCK-401-T
Terminating resistor** CAN (female 5 pin - female 5 pin)	SCK-401-R

* Other lengths available on request
** Each CAN network requires a terminating resistor.

Accessories

Catalogue 4054-3/UK

SCK cable

Device features

- One cable for all
- Compact size
- Interference-free
- Compatible to:
  - Sensors
  - Controllers
- M12 plug
- DIN EN 175301 (Device plug)
- Available in a variety of lengths

The **SensoControl®** cable was designed for use with the industrial sensors and switches.

Thus the M12 cable and M12 plug are

- Compact
- Shielded
- Five-pole

5-pole version

The 5-pole cable is suitable for both 4-pole and 5-pole connections. The sensor variants with a 4-pole connector are fully compatible with the 5-pole cable.

So despite different pin counts on the pressures switch (Controller Family SCxSD and SCOTC) and sensors, it is always possible to use just one cable version (5-pole) regardless of the plug version.

The SCK-400-xxx-x5 cables fit to all components in this catalogue using M12 connectors.
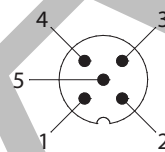
Shielding

Shielding protects against interference and ensures improved operational safety.
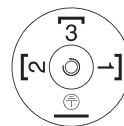
- Higher EMC protection

Pin assignment

SCK-400-xx-x5

PIN			
1	bn	brown	braun
2	wh	white	weiß
3	bu	blue	blau
4	bk	black	schwarz
5	gy	grey	grau

SCK-400-xx-56

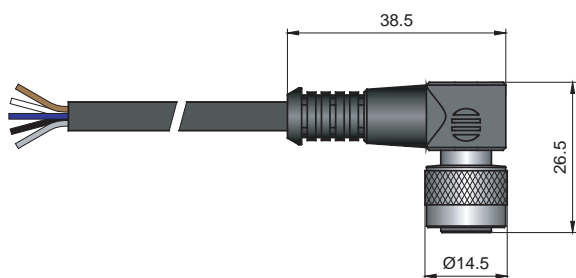| PIN			
1	ye	yellow	gelb
2	gn	green	grün
3	bn	brown	braun
⏚			

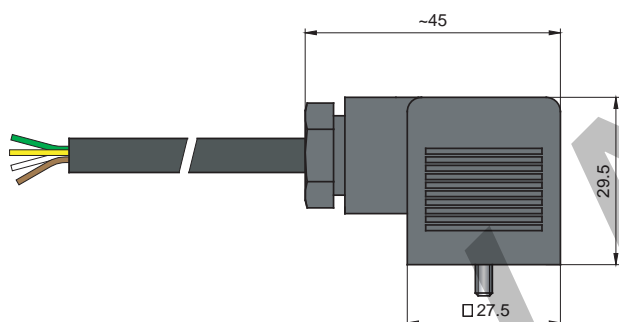# SCK cable

Connection cable

SCK-400-xx-45

SCK-400-xx-55
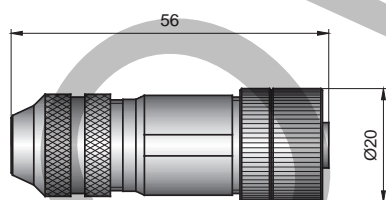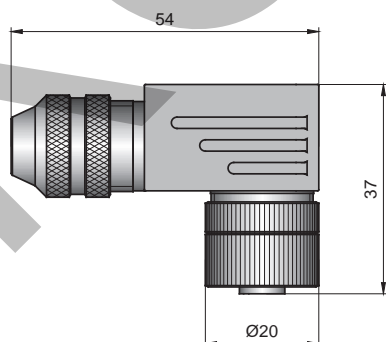

SCK-400-xx-56
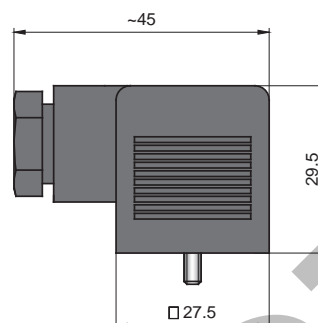

Single connector

SCK-145

SCK-155

Single connector

SCK-006 (Device plug)

Connection cable and single plug

Connection cable, assembled   **SCK-400-xx-xx**
(open cable end)

Cable length (m)
- 2 m — **02**
- 5 m — **05**
- 10 m — **10**

Connecting plug
M12 cable jack; straight — **45**
M12 cable jack; 90° angled — **55**
Cable socket DIN EN 175301-803 Form A — **56**
(old DIN 43650)

Single connector
M12 cable jack; straight   **SCK-145**
M12 cable jack; 90° angled   **SCK-155**
Cable socket DIN EN 175301-803 Form A   **SCK-006**
(old DIN 43650)