

DATA TRANSMISSION & SOFTWARE

In recent years, manufacturing has been conceptualized as a system that goes beyond just produce and deliver goods.

Optimizing production and quality control require an optimal data collection and analysis.

In this chapter, you will find a large selection of connection cables, wireless transmission solutions and software, in order to meet the requirements of the Smart Manufacturing and Industry 4.0 concepts.

RS232, USB or Bluetooth® wireless technology data output



Wireless transmission

Dongle Smart

A DESCRIPTION

- Possibility to connect up to 8 instruments per dongle
- Duplex data transmission
- Plug and play !
- Individual identification of each instrument with *Bluetooth®* wireless technology
- Automatic detection of instruments



TECHNICAL SPECIFICATIONS

		981.7100
USB		•
Coupled instruments per module		8
Automatic detection of instrument		•
Instruments and software compatibility		D300S & Sylcom & Vmux
Transmission distance ¹⁾	m	15

¹⁾ depends on the environment.

Wireless transmission

S_Footswitch Smart

DESCRIPTION

FOOTPEDAL SMART

A

- Robust footpedal with Bluetooth® wireless technology
- IP rating IP53
- Battery life : 3 years (Battery CR2477)
- Possibility of triggering sequences from the software Vmux



Dongle with Bluetooth® Wireless technology 981.7100

TECHNICAL SPECIFICATIONS

S_Footswitch Smart		926.7022	
Connection		Bluetooth® wireless technology*	
Weight		g	260
Software compatibility		Vmux (1.37 and later) and Sylcom	
Transmission distance ¹⁾		m	up to 15m
¹⁾ depends on the environnement		* Connection with dongle #981.7100	
Accessories		926.7023	985.2217
Description		Fixing plate	Adapter for battery CR2032
Weight		g	5

Wireless transmission

DESCRIPTION

- Possibility to connect up to 120 instruments on only one receiver
- Choice of modules according to the instruments
- Transmission on long distances
- Easy programming
- Individual identification of each instrument
- Confirmation of transmission
- Battery life : 2 years in standard use



926.5131



926.5132 / 926.5133



926.5110

TECHNICAL SPECIFICATIONS

		926.5110
USB		•
Confirmation of transmission OK/KO		•
Attribution of the addresses of the modules by software		•
Software interfaces and configuration menu		•
Transmission distance ¹⁾	m	200

¹⁾ with large antenna

Wireless transmission

CONNECTION

H



		Bi-directional	Programmable by PC
Opto module + USB receiver	926.5131 926.5110		
RS Power module + USB receiver	926.5132 926.5110		
Proximity module + USB receiver	926.5133 926.5110		
Adapter RS232/Opto + Opto module + USB receiver	926.5130 926.5131 926.5110		
RS232 module + USB receiver	926.5120 926.5110		

Wireless transmission

CONNECTION

S_Cal Pro / S_Mike Pro	S_Cal Work, Ultra UL	S_Depth PRO S_Scale WORK	Protractor	S_Dial SZ33 / SZ34	S_Dial ONE / S_Dial WORK S_Dial PRO / Hi_Gage ONE	Xtreme 2	Digital microscope	Hi_Cal	PS16 V1 VS	S_View D50S / D80S PC output	S_View D200S	D300S instr. input	D300S output PC	D302 / D304	PC input
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		•		•	•	•	•								•
•					•										•
								•		•					•
											•				•

Our cables are available in various lengths indicated below.

On request, we can deliver our special length cables, within the following limits:

- RS232 cables: maximum length 15 meters
- USB cable: maximum length 7 meters.
- Special length cable on request : 926.1999.99

	Standard 2 m	Standard 3 m	Standard 5 m	≤15 m	Bi-directional
	926.5521	—	—	926.5535	
	926.6521	—	—	926.6535	•
	926.6538	—	—	926.6542	•
	926.6539	—	—	926.6543	•
	926.6621	—	—	¹⁾	•
	—	905.4516	—	905.4519	•
	—	905.4538	—	¹⁾	•
	—	926.6821	—	¹⁾	•
	—	926.6838	—	¹⁾	•
	—	—	926.6101	—	—

¹⁾ Maximum 7m (Standard 5m)

S_Cal Pro / S_Mike Pro									
UL4									
S_Depth PRO S_Scale WORK									
Protractor									
S_Dial S233 / S234									
S_Dial ONE / S_Dial WORK S_Dial PRO / Hi_Gage ONE									
Xtreme 2									
Digital microscrew									
Hi_Cal									
PS16 V1 VS									
S_View D50S / D80S PC output									
S_View D200S									
D300S instr. input									
D300S output PC									
D302 / D304									
D400S									
D70S/H/I									
S_Dial WORK PLC									

		Standard 2 m	Standard 3 m	≤15 m	Bi-directional
	Proximity RS232	--	926.6723	¹⁾	•
	Proximity USB	--	926.6721	¹⁾	•
	RS232 1:1	--	925.5609	¹⁾	•
	USB-USB	--	804.1210	--	•
	Mini USB-USB	--	926.6001	--	•
	Adaptator RS-USB	925.1142 [*]	--	--	•
	Booster + footswitch	--	925.1143 ²⁾	--	•
	Special - mini-RS232	--	926.5505	--	•
	RS232 1X1 (3 pins wired)	--	804.2201	--	•
	RS232 1X1	--	804.2204	--	•
	M8-RS485	--	804.2205	--	

¹⁾ Maximum 7m (Standard 5m)

²⁾ must be connected with bi-directional cables only

^{*} The D70 and D400S do not work on Vmux with this adapter

Cables

S_Connect

CONNECTION

A

S_Cal Pro / S_Mike Pro	UL4	S_Depth PRO / S_Scale WORK	Mesureur d'angles	S_Dial S233 / S234	S_Dial ONE / S_Dial WORK	Hi_Gage ONE	PS16 V2	Digital microcrew	Hi_Cal	PS16 V1 VS	S_View D50S / D80S PC output	S_View D200S	D300S instr. input	D300S output PC	D302 / D304	D400S	D70 H/I	D70 S	D70 A	D62S	Xtreme 3	M-Bus (except RS)	Z5
•	•		•		•	•							•								•		
•	•		•		•	•							•								•		
									•		•	•	• ³⁾		•	• ⁴⁾		•		•		•	
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3)	3)	3)	3)	3)	3)			3)	3)	3)	•	•				• ⁵⁾	• ⁵⁾	• ⁵⁾	• ⁵⁾	• ⁵⁾	•		
3)	3)	3)	3)	3)	3)			3)		3)										•			
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																	• ⁷⁾		• ⁷⁾				
																	• ⁸⁾		• ⁸⁾				
																			• ⁹⁾				

³⁾ must be connected with RS232 cables

⁴⁾ For MB-XX module and RS232 PC connections

⁵⁾ RS232 connection to PC (D70S version and D400S only) bidirectional.
Versions D70L/H require a crossover RS232 cable.

⁶⁾ Not working on PC

⁷⁾ Update of the units

⁸⁾ Crossover cable for PC connection

⁹⁾ Connection cable for MB-I/O