



S series handle

- Ergonomic design
- Rubber coating
- Robust construction, reliability and weather resistance
- Proportional switch option rocker

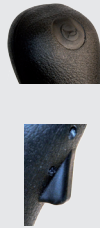
General features

Covering material	Thermoplastic elastomer
Core material	Polyamide 6.6
IP weather protection (assembled)	IP67
Ambient temperature	from -20°C to 50°C / from -4°F to 122°F
UV resistance	according to IEC68-2-5, S test C procedure

Electric devices features

Trigger and clacson push-button

Version	spring return
Contact type	NO
Current rating	7 A resistive
	4 A inductive @ 28 VDC
Mechanical life (nr. of operations)	10 ⁶
Electric life (nr. of operations)	5x10 ⁵
Operating force	0.8 N
Weather protection	IP50



Proportional roller with ratiometric signal

Supply	12VDC
Output signal (range)	3.5 - 8.5 V
Output signal (central position)	6V
Signal tolerance (central position and stroke end)	±1 %
Nominal resistance	5 KΩ
Actuator deflection angle	160° (±5°)
Mechanical life (nr. of operations)	10 ⁷



ON/OFF push-button

Version	Spring return
Contact type	NO
Current rating	5 A resistive
	3 A inductive @ 28 VDC
Mechanical life (nr. of operations)	10 ⁶
Electric life (nr. of operations)	25x10 ³
Weather protection	IP64



Proportional roller (ARW)

Supply	8-32 VDC
Max. current consumption	< 24 mA
Max. output current	1 mA
Output signal (range)	0.5 - 4.5 V
Output signal (central position)	2.5V
Signal tolerance (central position and stroke end)	±100 mV
Minimum load	10 Ω
Actuator deflection angle	± 35° (±1°)
Mechanical life (nr. of operations)	10 ⁶
Operating force	2 N
Mechanical vibration	IEC 68-2
Mechanical shock	EN 60068-2-29 (pulse 400m/s ² x 6 ms, 100 times)
Weather protection	IP67-IP69K
EMC	ISO 13766 - ISO 14982



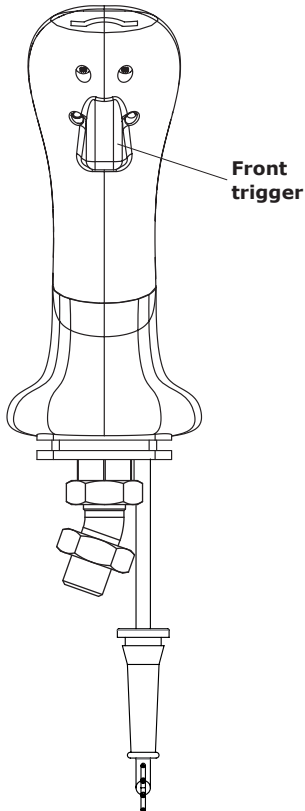
Cables

Conductor material	copper with tinned ends
Conductor section	AWG18
Insulating material	PVC
Protective covering material	PVC

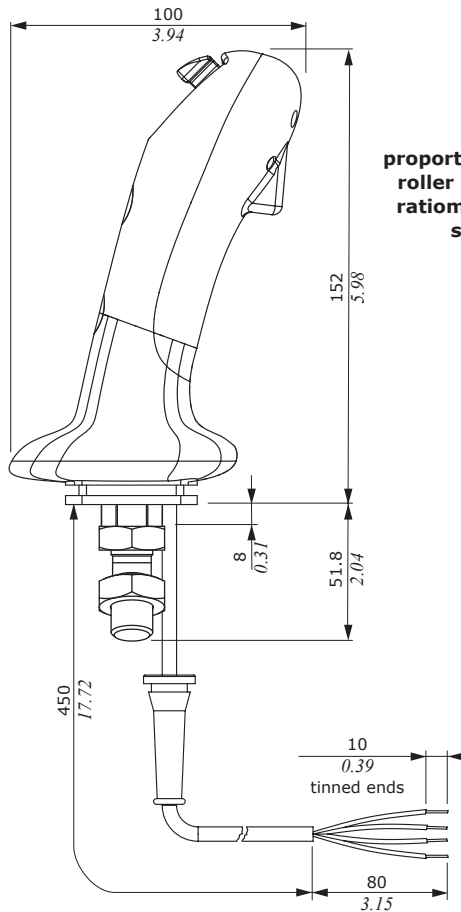
Dimensions

With proportional roller with ratiometric signal

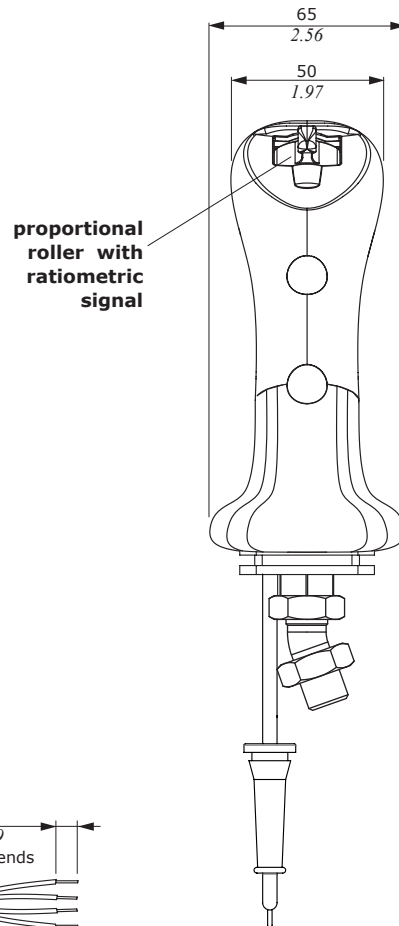
Front view



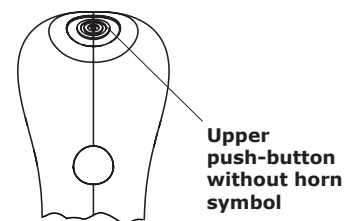
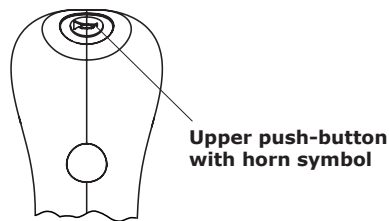
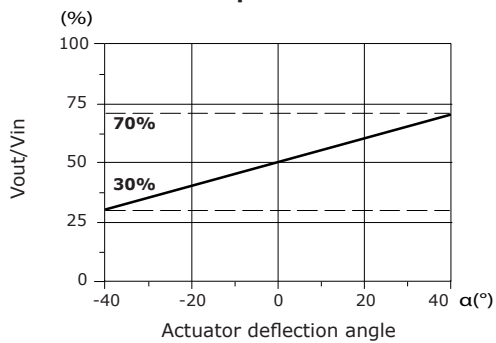
Side view



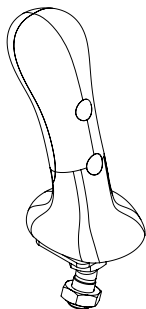
Operator view



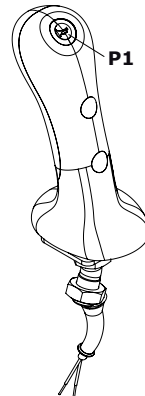
Proportional roller output detail




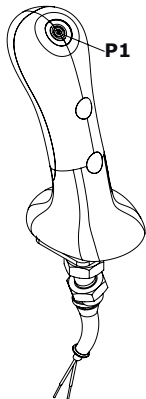
With proportional roller with ratiometric signal



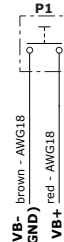
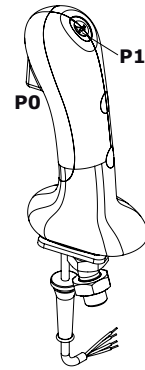
Code	2IM5000000
Description	S007
Configuration	Without control devices
Joint	Sloping 19° left for SVM400-430 joystick



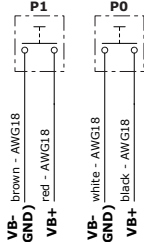
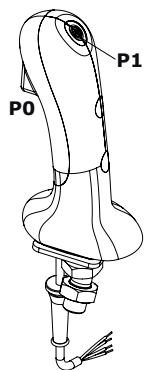
Code	2IM5100002
Description	S107-045
Configuration	With upper push-button with horn symbol (P1)
Joint	Sloping 19° left for SVM400-430 joystick

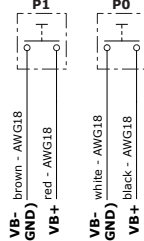
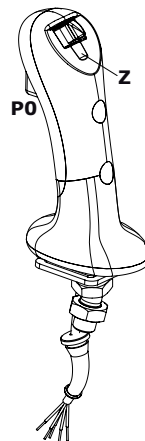
Code	2IM5120001
Description	S10A8-045
Configuration	With upper push-button without horn symbol (P1)
Joint	Sloping 19° right for SVM400-430 joystick

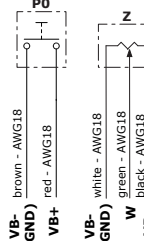
Code	2IM5210002
Description	S218-045
Configuration	With upper push-button with horn symbol (P1) and front trigger (P0)
Joint	Sloping 19° right for SVM400-430 joystick

Code	2IM5210003
Description	S21A7-045
Configuration	With upper push-button without horn symbol (P1) and front trigger (P0)
Joint	Sloping 19° left for SVM400-430 joystick

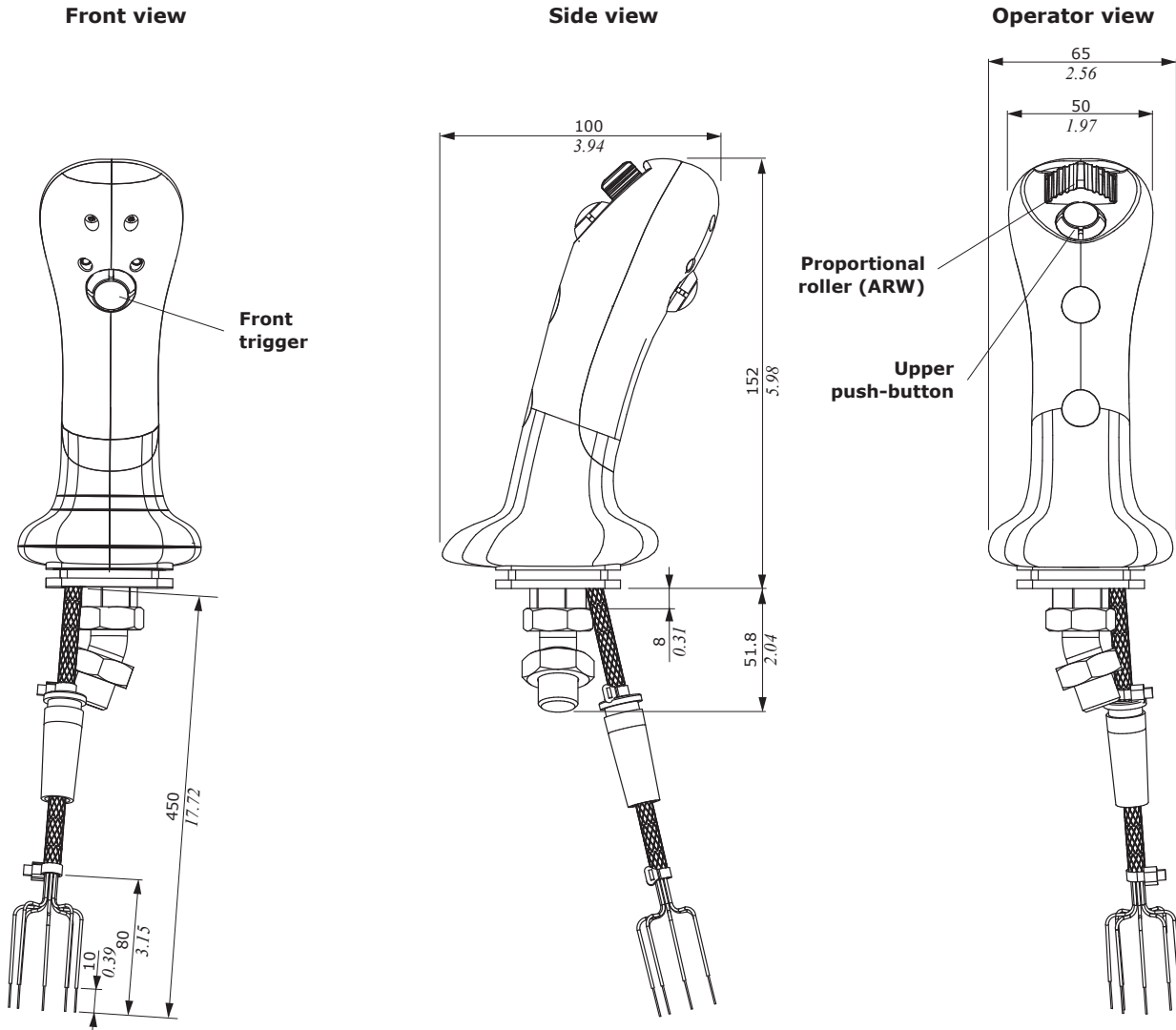
Code	2IM5110003
Description	S117-045
Configuration	With proportional roller (Z) and front trigger (P0)
Joint	Sloping 19° left for SVM400-430 joystick



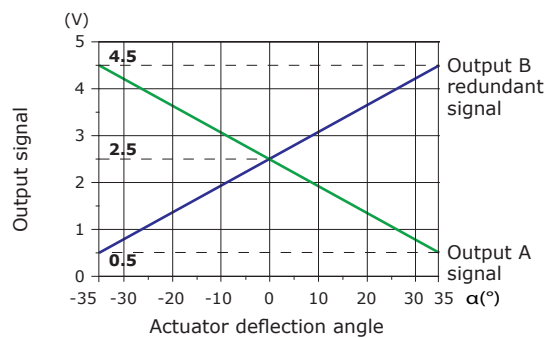
NOTE - For different joint see page 4.
For different handle configurations, contact our Sales Dept.

Dimensions

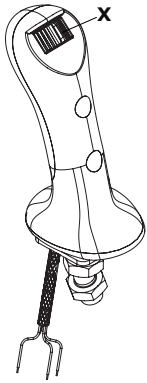
With ARW proportional roller



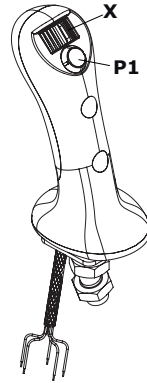
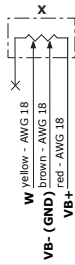
Proportional roller output detail



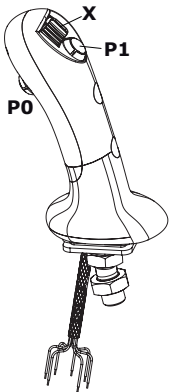
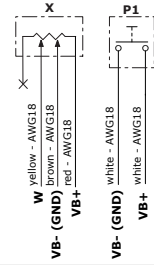
With ARW proportional roller



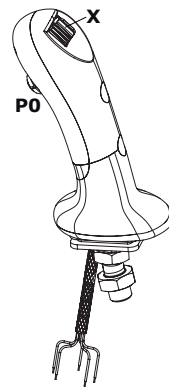
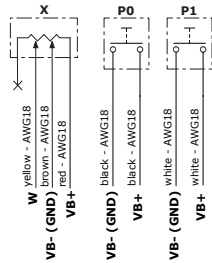
Code 2IM530000
Description SZ8-XG122045
Configuration With ARW proportional roller (X)
Joint Sloping 19° right for SVM400-430 joystick



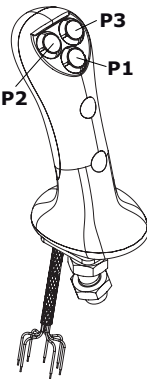
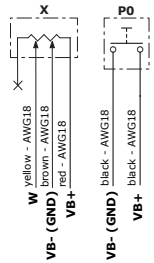
Code 2IM532000
Description SZTB8-1G4045-XG122045
Configuration With ARW proportional roller (X) and thumb type upper push-button (P1)
Joint Sloping 19° right for SVM400-430 joystick



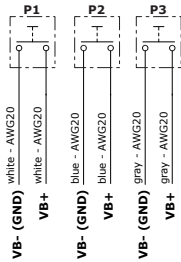
Code 2IM5330003
Description SZTC8-0G4045-1G4045-XG122045
Configuration With ARW prop.roller (X), thumb type upper push-button (P1) and front trigger (P0)
Joint Sloping 19° right for SVM400-430 joystick



Code 2IM5310003
Description SZTA8-0G4045-XG122045
Configuration With ARW proportional roller (X) and front trigger (P0)
Joint Sloping 19° right for SVM400-430 joystick



Code 2IM5440000
Description STB38-1RB045-2RB045-3RB045
Configuration With 3 upper push-buttons (P1-P2-P3)
Joint Sloping 19° right for SVM400-430 joystick



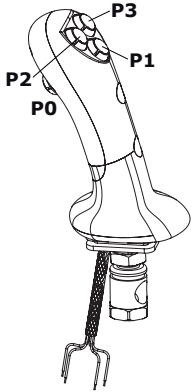
Code 2IM5410001
Description STA8-0G4045
Configuration With front trigger (P0)
Joint Sloping 19° right for SVM400-430 joystick



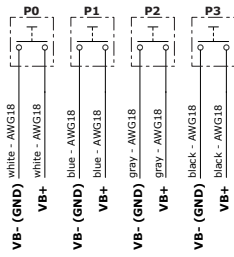
NOTE - For different joint see page 4.
 For different handle configurations, contact our Sales Dept.

Configurations

With ARW proportional roller



Code	2IM5430000
Description	STC39-0RB045-1RB045-2RB045-3RB045
Configuration	With 3 upper push-buttons and front trigger (P1-P2-P3) and front trigger (P0)
Joint	Standard for SVM400 joystick



NOTE - For different joint see page 4.
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