

# Portable control unit TS 2



The portable control unit TS 2 is used for controlling and monitoring the necessary equipment.  
The chest panel and straps enable the operator to carry it without becoming tired.  
An adjustable carrying strap can also be fitted for use without the chest plate.

Surface treatment:  
Priming and structur-finishing paint  
Standard colour RAL 7032 pebble-grey



## Technical data:

Operation temperature	-40°C to +60°C
Degree of protection	IP65

	TS 2	- SB 1	- RH 1	- K 4	- HS 1	/	V...	/	KLS	/	X
<b>Basic unit</b>											
TS 2	with chest plate, straps										
TS 21	with straps										
TS 22	with bracket and straps										
<b>Attachment</b>											
SB 1	Legs for control unit alu-tube 2 pieces										
SB 2	Legs for control unit stainless steel-tube V2 A 2 pieces										
RH 1	Reeling hooks for control unit stainless steel V2 A										
K 1	Cable entry M32 cable 11-21mm										
K 2	Cable entry M40 cable 19-28mm										
K 3	Cable entry 180° swiveling M32 cable 11-21mm										
K 4	Cable entry 180° swiveling M40 cable 19-28mm										
HS 1	Plug in socket 16-pole male insert				HAN 16E without wiring						
HB 1	Connector 16-pole female insert				HAN 16E without wiring						
HS 2	Plug in socket 24-pole female insert				HAN 24E without wiring						
HB 2	Connector 24-pole female insert				HAN 24E without wiring						
HS 3	Plug in socket 32-pole male insert				HAN 32E without wiring						
HB 3	Connector 32-pole female insert				HAN 32E without wiring						
<i>Indicating labels not engraved for multi-axis-/ single-axis controller</i>											
<i>Indicating labels engraved for multi-axis-/ single-axis controller</i>											
<b>Mounting for equipment boxes</b>											
V	Multi-axis controller (see page 1)										
S	Single-axis controller (see page 71)										
N	Control-switch (see page 107)										
...	More command and indicating devices (see page 163)										

TS 2 - SB 1 - RH 1 - K 4 - HS 1 / V... / KLS / X

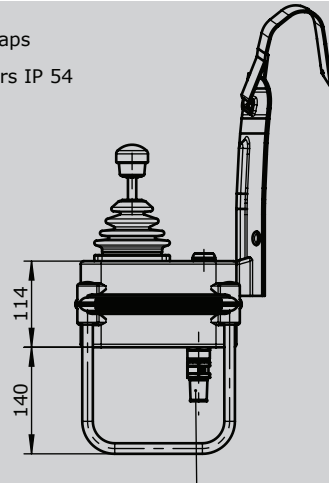
### Cable and wiring

Cable Oelflex	18x1mm	13,4mm Ø	-5°C to +80°C	each metre
Cable Oelflex	25x1mm	15,4mm Ø	-5°C to +80°C	each metre
Cable Oelflex	34x1mm	18,6mm Ø	-5°C to +80°C	each metre
Cable Neonflex	18x1mm	19,2mm Ø	-30°C to +80°C	each metre
Cable Neonflex	24x1mm	22,1mm Ø	-30°C to +80°C	each metre
Cable Neonflex	38x1mm	26,1mm Ø	-30°C to +80°C	each metre
KLS	Wired on connector / plug in socket per core			
KLK	Wiring for cable per core			

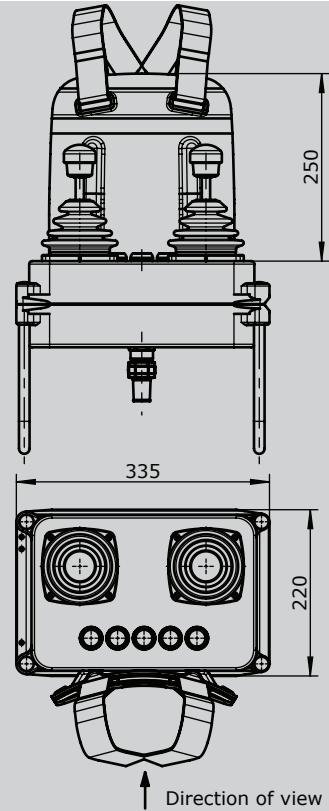
### Special model

X	Special / customer-specific
X1	Housing antistatic design < 10 <sup>9</sup> Ohm/cm
X2	Finishing color yellow RAL 1021

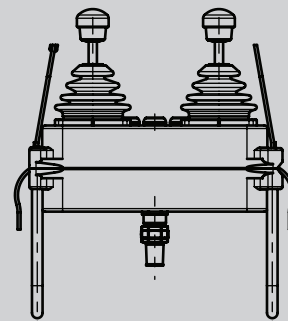
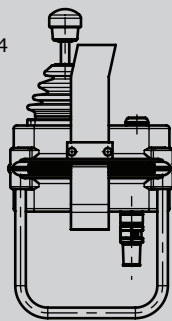
With chest plate and straps  
Protection IP 65  
with multi-axis controllers IP 54



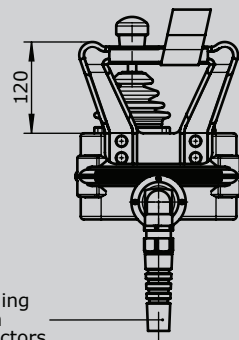
Cable entry  
with anti-kink protection  
and stain relief or connectors



With adjustable carrying strap  
Protection IP 65  
with multi-axis controllers IP 54



With bracket and cable entry swivelling  
Protection IP 65  
with multi-axis controllers IP 54



Cable entry 180° swivelling  
with anti-kink protection  
and stain relief or connectors

