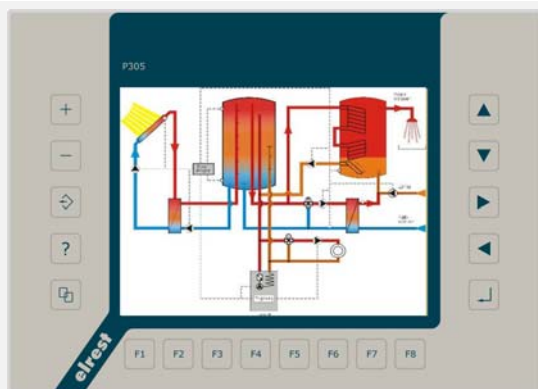## fred visio touch Control Panel P305

- **5,7" LC color display 320 x 240 pixel**
- **touch control**
- **onboard interfaces**
- **extensible with COM-I/O to a compact control**
- **CF-card interface**

Technical data

graphic display	color CSTN-LCD 5,7" 320 x 240 pixel
touchscreen	4-wire resistiv
keys	18 functional keys, cursor keys, special keys
audio	beeper
memory	2 MB RAM (optional 4 MB RAM), 4 MB Flash
memory expansion optional	fred CFC, 256 MB Compact Flash Card Typ I 16 MB... 512 MB
processor	16 Bit Infineon XC16X 40 MHz
data buffering	persistent data in the flash, real-time clock and Retain data in the battery-buffered RAM
operating system	µE
PLC programming	IEC61131-3 / CoDeSys
HMI programming	ElaDesign
interface onboard	1 x Ethernet 10 BaseT, 2 x RS (0:RS232, 1:RS422/485), 2 x CAN ref ISO11898 with galvanic isolated
fieldbus interface (in preparations) optional	COM-2 x RSxxx, COM-PB/DPM/DPS, COM-COM/COS
I/O interface (in preparations) optional	COM-IO1, COM-DIO4/8
supply voltage	24 V_{DC} (18...30 V_{DC}, 5...8 W)
front panel	polyester foil (DIN 42115), synthetic material IP65
mounting	front panel mounting
EMI-test	EN61000-6-2, EN61000-6-4
protection rating	III according to VDE0631
safety class	IP20 according to DIN 40050 rear side, IP65 according to DIN 40050 front side
outside dimension in mm (W x H x D) mounting dimension in mm (W x H x D)	208 x 150 x 50 190,6 x 137,8 x 37
weight	650 g
operating temperature	0° to 50°C
order no.: **fred-P305TE/ED/CS/ESB** **fred-P305TE/ED/CS/CAN**	 **24.611.33.00** **24.611.35.00**