



HMI 4 Sx

HMI 4 Lx

**digsy® HMI 4**

**Compact and economical human machine interface family for mobile applications which supports landscape and portrait mode visualization.**

**Freely programmable in CODESYS V3.5 according to IEC 61131-3**

**digsy® HMI 4** human machine interface family consists of five different versions from compact to powerful. With its integrated PLC and CAN-master capability it is the perfect solution for small applications which require a cost-effective control and visualization system. A special feature of these HMIs are the buttons which have been designed to be operated with gloves and which offer a great tactile feedback. Additionally a touch-screen and a rotary encoder are available to navigate through the menus.

**Technical data / Order information**

Product:	HMI 4 SB	HMI 4 SBT	HMI 4 SE	HMI 4 LB	HMI 4 LE
Order code:	4885.86.040	4885.86.044	4885.86.041	4885.86.042	4885.86.043
Display size / format	4,3" / 15:9	4,3" / 15:9	4,3" / 15:9	4,3" / 15:9	4,3" / 15:9
Resolution / colours	480 x 272 / 16,7 Mio.	480 x 272 / 16,7 Mio.	480 x 272 / 16,7 Mio.	480 x 272 / 16,7 Mio.	480 x 272 / 16,7 Mio.
Backlight / contrast ratio	400 cd/m <sup>2</sup> / 400:1	400 cd/m <sup>2</sup> / 400:1	400 cd/m <sup>2</sup> / 400:1	400 cd/m <sup>2</sup> / 400:1	400 cd/m <sup>2</sup> / 400:1
Touch-screen / encoder	- / -	• / -	• / -	- / •	• / •
Keys left / right of display	- / -	- / -	- / -	4 / 4+3	4 / 4+3
Flash / RAM memory	512 MB / 128 MB	512 MB / 128 MB	1 GB / 256 MB	512 MB / 128 MB	1 GB / 256 MB
Real Time Clock	•	•	•	•	•
Buzzer	-	-	•	-	•
CAN / RS-232 Interfaces	2 / 1	2 / 1	2 / 1	2 / 1	2 / 1
CANopen / J1939 / Layer-2	• / • / •	• / • / •	• / • / •	• / • / •	• / • / •
Ethernet interface	-	-	•	-	•
USB on main connector / front	• / -	• / -	• / -	• / -	• / •
Inputs / outputs	- / -	- / -	4 / 3	- / -	4 / 3
Camera input	-	-	•	-	•
WebVisu	On request	On request	On request	On request	On request

**General:**

- Operating voltage: 9...36 V
- Operating temperature: -30 °C... +65 °C
- Storage temperature: -40 °C... +85 °C
- Shock- and vibration proof
- EMC proof according to automotive standards
- Environmental protection according to IP65 / IP66
- Dimensions of HMI 4 Sx: appr. 142 x 98 x 50 mm
- Dimensions of HMI 4 Lx: appr. 198 x 98 x 66 mm

**Accessories:**

- Connector-set, 26 poles 4305.86.001
- Build-in mounting frame for HMI 4 Sx 4305.86.040
- Build-in mounting frame for HMI 4 Lx 4305.86.041
- Stand-alone mounting adaptor 4305.86.042
- Starterkit 4395.86.004