



digsy[®] HMI 4 Ultra

Compact and economical human machine interface family for mobile applications, optimized to operate in direct sunlight.

Programmable in CODESYS V3.5 according to IEC 61131-3.

digsy[®] HMI 4 Ultra human machine interface family consists of two versions with different interface configurations. With its integrated PLC and CAN-master capability, it is the perfect solution for small and midsize applications, which require a cost-effective control and visualization system. Special features of these HMIs are the very good readability in direct sunlight and the wide viewing angle from all directions. Additionally, eight free programmable keys with tactile feedback are available.

Technical data / Order information

Product	digsy HMI 4 Ultra LE
Order code	4885.90.041
Display size / format	4,3" / 16:9
Resolution	480x272 (WQVGA).
Backlight / contrast ratio	1000 cd/m ² / 800:1
Viewing angle (all directions)	85°
Function / navigation keys	4 / 4
Key illumination	LED, RGB, individually controllable and dimmable
CPU, clock speed	32 Bit, ARM Cortex A7, 792 MHz
Flash / RAM / FRAM	64 MB / 256 MB / 8 kB
Real Time Clock, battery buffered	✓
CAN, 125 kBit/s...1 Mbit/s	1
CANopen / J1939 / Layer-2	✓ / ✓ / ✓
Ethernet, 10/100 Mbit/s, TCP/IP, UDP	1
USB, Host, V2.0	1
e1 certification	✓

General:

- Operating voltage: 8...32V
- Operating temperature: -30°C... +70°C
- Storage temperature: -30°C... +80°C
- Shock- and vibration proof
- EMC proof according to automotive standards
- Environmental protection according to IP65 / IP67
- Dimensions: Appr. 147 x 128 x 27mm

Accessories:

- Cable for power supply and CAN, 2m, M12 socket - loose end 4308.32.042
- Y-cable for Ethernet and USB, 1,5m, M12 - RJ45, USB-A 4305.90.101
- Cable for Ethernet and USB, 3m, loose end 4305.90.103
- Front panel mounting kit 4305.90.201