

## Customer Specific Ruggedized Special Applications

type number 00657



### Description:

The DIU control and display unit is designed especially for use in submarines.

By courtesy of ATM ComputerSysteme GmbH

Ask for further technical information!  
Functional or interface modifications can be realized on request. Each configuration change causes a new type number.

### Technical Data:

Operating system:	Windows NT
CPU:	Intel® Mobile Pentium® up to 266 MHz
RAM:	up to 128 MB
Mass memory:	<ul style="list-style-type: none"> <li>■ flash memories in PC card format, which are operated in ATA mode</li> <li>■ up to 2 Gbyte memory possible</li> <li>■ hard disk up to 2 Gbyte (on request)</li> </ul>
Graphics:	<ul style="list-style-type: none"> <li>■ standard VGA graphics</li> <li>■ digital output for TFT display</li> </ul>
Monitor:	<ul style="list-style-type: none"> <li>■ 10.4" TFT color display</li> <li>■ display protected by a glass panel</li> <li>■ 800 x 600 pixels</li> <li>■ display brightness adjustable</li> </ul>
Status indicators:	LEDs for important system information such as ready status and malfunctions
Keyboard:	membrane keyboard with background light with numeric keypad
Standstill heating:	to prevent condensation, the device is heated when it is switched off
Power supply:	<ul style="list-style-type: none"> <li>■ internal 28 Vdc power supply unit reverse polarity and transient protection for vehicle network according to VG96916T5 (w/o intermittent operation)</li> <li>■ EMC filter</li> </ul>
Housing:	aluminum housing
Weight / Size:	<ul style="list-style-type: none"> <li>■ approx. 7 kg</li> <li>■ approx. 300 x 295 x 76 mm (W x H x D), without connector protrusions</li> </ul>
Class of Protection:	<ul style="list-style-type: none"> <li>■ class of protection IP 54 according to DIN 40050</li> <li>■ EN60529, IEC 529</li> </ul>