

Pos. no.	Quantity	Description of objects and performances	Costs	
			Price/unit (DM)	Total amount (DM)
		<p><b>WasserWarningSystem for conductive liquids</b></p> <p>Standard system structure consisting of:</p> <ul style="list-style-type: none"> <li>• Monitoring unit</li> <li>• Sensor cable / point sensor</li> <li>• Accessories</li> </ul> <p>The system quickly and reliably detects even smallest amounts of liquid leakages. A visual and audible alarm is output. At the same time, a floating contact is set for messages and control tasks. An additional floating contact is provided for its integration in the control system (I&amp;C).</p> <p>Product: <b>BARTEC GmbH</b>  <b>Geschäftsbereich Meßtechnik und Sensorik</b>  <b>Max-Eyth-Straße 16</b>  <b>97980 Bad Mergentheim</b></p> <p>Telephone: (0 79 31) 5 97 - 1 70  Telefax: (0 79 31) 5 97 - 1 83</p>		
1.0		<b>Electronic monitoring system</b>		
1.1		<p><b>WaterWarningSystem RDA 01</b></p> <p>17-85F4-2.22</p> <ul style="list-style-type: none"> <li>• Enclosure: Clip-on unit for mounting rail TS 35</li> <li>• Dimensions: 22.5 x 82 x 101 mm (B x H x T)</li> <li>• Inputs: Supply voltage <ul style="list-style-type: none"> <li>- Type -2322: AC 230 V</li> <li>- Type -2422: DC 24 V</li> </ul> </li> </ul> <p>Sensor via two-wire lead</p> <p>max. connectable sensor wire length: 1000 m</p> <p>max. connectable point sensors: random number on 1000 m</p> <ul style="list-style-type: none"> <li>• Outputs: Group alarm relay, 2 changeover contacts (0.25 A at AC 230 V / 1 A at DC 24V)</li> <li>• Memory: Alarm-/open circuit relay memory</li> <li>• Method of measurement: Conductive (conductive liquids &gt; 2µS)</li> <li>• Sensitivity: adjustable</li> <li>• Self-monitoring: Sensor rupture and power failure</li> </ul>		

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1.2		<ul style="list-style-type: none"> <li>• Operating elements: Reset button</li> <li>• Optical signal: LED displays for operation / alarm / open circuit</li> <li>• Acoustic signal: Piezoelectric buzzer</li> <li>• Ambient temperature: - 25 °C to + 60 °C</li> <li>• Type of protection: IP 20</li> </ul> <p>alternative:</p> <p><b>WaterWarningSystem RDW 01</b></p> <p><b>17-85F3-8320</b></p> <ul style="list-style-type: none"> <li>• Enclosure: Wall-box with membrane keyboard and separate terminal compartment</li> <li>• Dimensions: 166 x 160 x 84 mm (B x H x T)</li> <li>• Inputs: Supply voltage AC 230V/DC 24 V as standard  Sensor via two-wire lead  max. connectable sensor cable length: 1000 m  max. connectable point sensors: random number on 1000 m</li> <li>• Outputs: Group alarm relay, 2 changeover contacts  (0.25 A at AC 230 V / 1 A at DC 24V)  Current output 4...20 mA</li> <li>• Memory: Alarm-/ open circuit relay memory</li> <li>• Method of measurement: Conductive (conductive liquids &gt; 2μS)</li> <li>• Sensitivity: Adjustable</li> <li>• Self-monitoring: Sensor rupture and power failure</li> <li>• Operating elements: Confirm button; On-button; Off-button combination</li> <li>• Optical signal: LED displays for operation / alarm / open circuit</li> <li>• Acoustic signal: Piezoelectric buzzer</li> <li>• Ambient temperature: 0 °C to + 60 °C</li> <li>• Type of protection: IP 54</li> </ul>		

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<b>2.0</b>		<b>Sensors</b>		
2.1		<p><b>Sensor cable SCR , yard goods</b></p> <p>17-85M1-1761</p> <ul style="list-style-type: none"> <li>• For the localisation of conductive liquids</li> <li>• Enclosure: Flexible round PTFE cable with protective braid; 4 x 0.25 mm<sup>2</sup> with integrated leakage electrodes</li> <li>• Temperature resistance: - 50 °C to + 180 °C</li> <li>• Cable diameter: 5 mm</li> <li>• Fire protection: V 0 according to fire protection standard UL 1581</li> <li>• Sensor cable is able to localize the leakage (only together with the electronic RLW monitoring system and the corresponding SCR terminator)</li> </ul>		
2.2		<p><b>Sensor cable SCR 1 m , prewired</b></p> <p>17-85M1-1761/5000</p>		
2.2		<p><b>Sensor cable SCR 3 m , prewired</b></p> <p>17-85M1-1761/5200</p>		
2.3		<p><b>Sensor cable SCR 5 m , prewired</b></p> <p>17-85M1-1761/5300</p>		
2.4		<p><b>Sensor cable SCR 15 m , prewired</b></p> <p>17-85M1-1761/5500</p>		
2.5		<p><b>Sensor cable SCR 30 m , prewired</b></p> <p>17-85M1-1761/5700</p>		
2.6		<p><b>Point sensor PS with 5 m connection cable</b></p> <p>17-85M1-3732/8300</p> <ul style="list-style-type: none"> <li>• Enclosure: Flat round unit</li> <li>• Connection cable: LIYY 3 x 0.34 mm<sup>2</sup></li> <li>• Material: PVC</li> <li>• Dimensions: φ80 mm x 20 mm (diameter x height)</li> <li>• Temperature resistance: - 10 °C to + 50 °C</li> </ul>		
2.7		<p><b>Point sensor PS with 10 m connection cable</b></p> <p>17-85M1-3732/8400</p>		

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<b>3.0</b>		<b>Accessories</b>		
3.1		<b>SCR connection cable, 5 m , prewired</b> 05-0068-0070 • LIYY 4 x 0,5 mm <sup>2</sup> , gray		
3.2		<b>SCR terminator</b> 05-0080-0164 • As measuring circuit termination and open circuit monitoring device		
3.3		<b>Fixing tape for sensor cable</b> 05-0091-0045 • Per pack: 50 pieces • Dimensions: 100 mm x 50 mm		
3.4		<b>Label for sensor cable</b> 05-2144-0777 • Yellow warning label "Attention – sensor cable" • Three-language-version • Dimensions: 100 mm x 50 mm		