DEADMAN AND WATER CONTROL SYSTEMS

DEADMAN HANDLE AND CORD

DEADMAN CONTROL SYSTEM

WATER CONTROL SYSTEM

COMBINATION DEADMAN AND WATER CONTROL SYSTEM

OPTIONAL 2-STAGE PROBE
The heart of any deadman is the switch. The switch in this deadman has a built-in rolling diaphragm seal, aluminum body (not glass, rubber, or plastic), and an 8 amp contact rating. It is hermetically sealed, yet is easily replaceable, incorporating “push on” type electrical connections, eliminating troubles with wire nuts or soldering. In addition, the housing is o-ring sealed and has an anodized aluminum switch carrier and cable base fitting. The strain relief is a spiral type with a watertight seal.

**HOW TO ORDER CABLE FOR ANY ELECTRIC DEADMAN HANDLE**

Suffix number for the handle you want  
- “X” is for straight cable  
- ___ length in feet (up to 500 ft)  
- “Z” is for coil cable  
- ___ length in feet (25 ft or 50 ft)

**Example:** If you want a Mini Deadman handle with 50’ of straight cable, you order a GTP-8392-X-50.

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**MINI-DEADMAN™**

- **Material:** urethane  
- **Dimensions:** 4” x 1 ¾”  
- **Weight:** 6 oz  
- **Durable**  
- **Compact**  
- **Inexpensive**  
- **Easy to repair**  
- **Wear resistant**  
- **Stainless steel trigger**  
- **Good from -55° to 180°F**  
- **Low operating force required**  
- **Easy to assembly/disassemble**  
- **Can be hung on trigger for storage**  
- **Designed for the aviation environment**  
- **Compatible with any deadman system**  
- **Body screws are recessed to prevent damage**

**HOW TO ORDER**

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>GTP-8392B</td>
<td>Electric Deadman Handle</td>
</tr>
<tr>
<td>GTP-8676</td>
<td>Pneumatic Deadman Handle</td>
</tr>
<tr>
<td>GTP-8676H</td>
<td>Hydraulic Deadman Handle</td>
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</tbody>
</table>

**NOTE:** These handles are not suitable for AC applications unless an intrinsically safe barrier/relay is used.

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**PNEUMATIC & HYDRAULIC DEADMAN HANDLES**

These Deadman handles fit the hand for maximum operator comfort. All models are designed for easy replacement of components. The air and hydraulic valve is of the plug-in type and are o-ring sealed. Hard nylon coating on the handle and trigger provides an exceptionally smooth surface. Heavy arctic gloves cannot accidentally jam the Deadman control in the “open” position because the trigger is not enclosed. Also, the operator cannot purposely jam the trigger with a screwdriver.

<table>
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<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>GTP-2614-1</td>
<td>2 ¼” NPT Pneumatic handle</td>
</tr>
<tr>
<td>GTP-2614-2</td>
<td>2 ¼” BSP Pneumatic handle</td>
</tr>
<tr>
<td>GTP-2614</td>
<td>2 ¼” NPT Hydraulic handle</td>
</tr>
</tbody>
</table>

All connection threads are internal.

- **Dimensions:** 1.4 x 3.5 x 7” (35 x 89 x 178 mm)  
- **Weight:** ¾ lb (0.34 kg)  
- **Material:** Cast aluminum, hard nylon coated

For information regarding Deadman hose, see [Bulletin 78](#).

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**ELECTRIC DURA-DEADMAN HANDLE**

Solid, super durable, cold molded, and virtually unbreakable, this handle is made of pure polyurethane. This new Dura-Deadman handle is the strongest and most reliable deadman we offer. It was tested for over half a million cycles, we’ve driven over it with trucks, and it’s been dragged on pavement - all without failure. It features replaceable polyurethane drag bosses for even longer life.

<table>
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<th>Model</th>
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<tr>
<td>GTP-9720-E</td>
<td>Handle only - no cable</td>
</tr>
<tr>
<td>GTP-9720-11E</td>
<td>Replacement switch</td>
</tr>
<tr>
<td>GTP-9720-21</td>
<td>Replacement pair of drag bosses</td>
</tr>
</tbody>
</table>

These handles are weather-tight sealed. They are not suitable for AC applications unless an intrinsically safe barrier/relay is used.

**Switch data:** SPDT (normally open or normally closed)
**EXAMPLE**

CTP-1750 - 3-1-2-1-1-2-3-5-25. This model number describes a single stage water detection system with a readman handle. The following features apply:
- 240 VAC, explosion proof, UL listed, and has a mini readman handle
- With straight cord, no reed
- Water detection probe is standard DHE-CC with 3/4" NPT threads and readman cord length of 25 ft.

**CRITICALLY IMPORTANT SAFETY INFORMATION**

1. **ALL CTP-1750 SERIES WATER DETECTION SYSTEMS**

   It is important that these devices not be used on jet fuel containing anti-icing additive (aka "prist", heptane, ethylene glycol monomethylether) unless special care is taken to ensure that all fuel is regularly drained from all tank and filter sumps and low points of the system.

   While such dally drainings are considered safe, normal practice in this industry, with conductivity type probes and anti-icing additive in diesel fuel, becomes more important to drain sumps regularly.

   A pool of water lying in the system will rapidly draw additive from the fuel. Some research indicates that no such additive will go into the water that the resulting liquid can be 50% additive and only 50% water after less than a week. Additive content will continue to rise and when the concentration exceeds about 40% (depends on conditions) the probe will no longer be able to detect this mixture of water and additive.

   This is a water probe, and is not designed to detect water mixed with such high concentrations of additive.

   If you are using fuels that contain the additive and are not 100% confident in your personnel's ability to pump all water on a regular basis, we suggest you either use either a mass sensor or a float type detector.
DEADMAN HOSE: BOTH HOSES HAVE NEOPRENE CONSTRUCTION, BUNA-N TUBES

Manufactured to Gammon Technical Products, Inc. specifications, this hose is superior to any available air Deadman hose on the market. It is suitable for all refueling operations.

The tubes are made out of Buna-N (nitrile rubber) to resist fuel from cross-leakage in the control system. The braided, reinforced tubes have neoprene covers to resist oils that contaminate ramp areas. A special additive is included to give the cover superior resistance to cracking.

Order model **GTP-1202**. Available in cut lengths or reels, with or without fittings. For more information, see **Bulletin 78**.

| Operating pressure: | 200 psi |
| Burst pressure:     | over 800 psi |

SPRING REWIND DUAL HOSE REEL

To handle twin deadman hose

Hannay’s Series N600 twin Deadman hose reels are spring retractable. They handle 1/4" and 3/8" twin sensing hose in lengths up to 100 feet. Series N600 reels have two swivel joint inlets and two outlet risers to handle twin hose for a sensing control. This reel plays a necessary role in maintaining safety during refueling operations.

**REWIND**
A heavy-duty spring motor provides self-contained rewind power. A non-sparking ratchet assembly locks the reel when the desired length of hose has been played out.

**INLET & OUTLET**
1/2" female NPT threads

**ROLLERS**
All models are supplied with a 4-way roller assembly.

**HOSE STOP**
A hose stop may be used to prevent damage to rollers and Deadman handles.

SPRING REWIND CABLE REEL

Series SCR700
Standard configuration shown

These reels are industrial-duty, long-lasting spring rewind reels. They are equipped with a four-way roller assembly.

**REWIND**
A heavy-duty spring motor provides self-contained rewind power. A non-sparking ratchet assembly locks the reel when the desired length of hose has been played out.

**ROLLERS**
All models are supplied with a 4-way roller assembly.

**CABLE STOP**
A cable stop may be used to prevent damage to rollers and handle and to permit adjustment of free cable.

**PLEASE NOTE**
Any basic electric cable reel, including the SCR 700 shown, should not be used on fixed facilities OR on vehicles without an intrinsically safe barrier or control (such as the GTP-1750) is used, according to the US Electrical code, NFPA-407. We do not list explosion proof reels due to the high cost.

Please contact us for any additional information if needed.