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
MINI-DEADMAN™

- Made in USA
- Material: urethane
- Dimensions: 4” x 1¾”
- 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 assemble/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
GTP-8392B Electric Mini-Deadman Handle
GTP-8676 Pneumatic Mini-Deadman Handle
GTP-8676-H Hydraulic Mini-Deadman Handle

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

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.

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. Made in USA.

ELECTRIC

GTP-9720-E Handle only - no cable
GTP-9720-11E Replacement switch
GTP-9720-21 Replacement pair of drag bosses

PNEUMATIC/HYDRAULIC

GTP-9720-A Pneumatic 3-way valves
GTP-9720-H Hydraulic 2-way valves
GTP-9720-21 Replacement pair of drag bosses

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)

These handles each contain two valves to provide fast reaction time. Seals are Buna/Nitrile.
EXAMPLE
GTP-1750 - 3-1-2-4-1-1-2-3-5-25. THIS MODEL NUMBER DESCRIBES A SINGLE STAGE WATER DETECTION SYSTEM WITH A DEADMAN HANDLE. THE FOLLOWING FEATURES APPLY:
100 VAC, EXPLOSION PROOF, UL LISTED, AND HAS A MINI DEADMAN HANDLE WITH STRAIGHT CLAMP NO REEL. WATER DETECTION PROBE IS STANDARD GTP-CC WITH 3/4 IN. NPT THREADS AND DEADMAN CORD LENGTH OF 25 FT.

NOTES:
1. WATER PROBE VERSIONS COME WITH RED INDICATOR LIGHT, LABELLED (WATER IN SUMP)
2. WHEN GROUNDING CLAMP IS ORDERED, SYSTEM COMES WITH RED AND GREEN INDICATOR LIGHTS.
3. NOT ALL COMBINATIONS ARE AVAILABLE

CRITICALLY IMPORTANT SAFETY INFORMATION
RED ALL GTP-1750 SERIES WATER DETECTION SYSTEMS

IT IS IMPORTANT THAT THESE DEVICES NOT BE USED ON JET FUEL CONTAINING ANTI-LEAN ADDITIVE. ANTI-LEAN ADDITIVE IS SLOW TO EVAPORATE FROM THE FUEL TANK, WHICH CAN CAUSE THE FUEL TO CONTINUE BURNING, EVEN IF THE FUEL IS CLOSED. UNLESS SPECIAL CARE IS TAKEN TO ENSURE THAT ALL WATER IS REGULARLY (DAILY) DRAINED FROM ALL TANKS AND FILTER Sumps AND LOW POINTS (IF APPlicable).

WHILE SUCH DAILY CHECKS ARE CONSIDERED REQUIRED STANDARD PRACTICE IN THIS INDUSTRY, WITH CONDUCTIVITY-TYPE-PROBES AND ANTI-LEAN ADDITIVE IT 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 SO MUCH ADDITIVE WILL GO INTO THE WATER THAT THE RESULTING LIQUID CAN BE 95% ADDITIVE AND ONLY 5% WATER (AFTER LESS THAN A WEEK). ADDITIVE CONTENT WILL CONTINUE TO INCREASE AND WHEN THE CONCENTRATION EXCEEDS ABOUT 60%, SYSTEM DESIGNER DEPENDING ON PROBES, 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 MIXER WITH SUCH HIGH CONCENTRATIONS OF ADDITIVE.

IF YOU ARE USING FUELS THAT CONTAIN THE ADDITIVE AND ARE NOT 100% CONFIDENT IN YOUR PERSONNEL, SUMPING ALL WATER ON A DAILY BASIS, WE SUGGEST YOU 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.

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**SPRING REWIND DUAL HOSE REEL**
**SERIES N600**

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.

**RENEW**
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.

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**SPRING REWIND CABLE REEL**
**SERIES SCR700**

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.