

# Cablecraft Controls

## Technical/Application Data

### Industrial Controls Cautions

#### The following cautions describe application and installation information

1. Do not install Cablecraft®/Bristow® control cables on any application which may exceed any of the design parameters of the control cable.
2. Cablecraft®/Bristow® control cables are designed and assembled to be non-repairable. Do not attempt to modify this control cable.
3. Cablecraft®/Bristow® control cables are designed to be contaminant resistant: not contaminant proof. Protect the cable from contaminants such as gas, oil, diesel fuel, water, dirt, and chemicals which may damage the control cable.
4. Protect the Cablecraft®/Bristow® control cable from physical damage by paint, kinking, vibration, etc., which may damage the control cable.
5. Cablecraft®/Bristow® control cables have the best load capacity in the pull mode. Always install the control cable so it pulls the greatest load, and pushes the smaller load; and pulls the item into the neutral or off position.
6. Do not install the Cablecraft®/Bristow® control cable with power on or the engine running. Serious injury or death could result.
7. The usable stroke must be centered within the available travel.

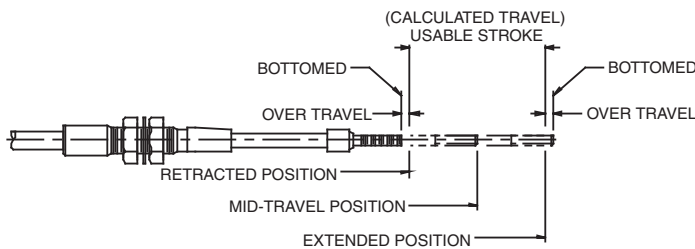


FIG 1

8. The swivel angle must be centered within the available swivel angle.

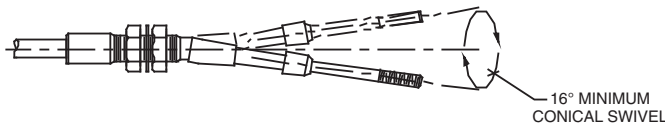


FIG 2

9. This cable is not for use on aircraft installations.

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### Industrial Controls Warnings

#### The following warnings describe important push-pull cable operation and maintenance information

- 1.** Do not adjust the Cablecraft®/Bristow® control cable with the power on or the engine running. Serious injury or death could result.
- 2.** A gradual or sudden increase in the no-load friction (cable disconnected at both ends) of a Cablecraft®/Bristow® control cable is an indication of a pending or present performance problem. The control cable should be replaced, otherwise serious injury or death may result.
- 3.** A gradual or sudden decrease in the usable stroke, is an indication of a pending or present performance problem. The Cablecraft®/Bristow® control cable should be replaced, otherwise serious injury or death may result.
- 4.** Cablecraft®/Bristow® control cables which have moisture inside of them and/or have frozen should be replaced. Do not apply heat to thaw or dry control cables.
- 5.** Cablecraft®/Bristow® control cables are lubricated for the life of the control cable. Do not remove the seals or lubricate the control cable.
- 6.** Cablecraft®/Bristow® control cables are designed to be non-repairable. Do not attempt to repair this control cable.

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#### WARNING!

*Since the manufacturer is unable to determine all applications in which a part may be placed, it is the user's responsibility to determine the suitability of the part for its intended use. This is especially true where safety is a factor. Incorrect application or installation may result in property damage, bodily injury, or death. For technical assistance, call 260-749-5105.*

**Cablecraft**  
Cablecraft Motion Controls

2110 Summit Street  
New Haven, Indiana USA 46774  
Tel 260 749-5105 Fax 260 749-5677

4401 South Orchard Street  
Tacoma, Washington 98411 USA  
Tel 253 475-1080 Fax 253 474-1623

Diplocks Way-South Road  
Hailsham, East Sussex BN27 3JF, England  
Tel 44 1323 841510 Fax 44 1323 845848

[www.cablecraft.com](http://www.cablecraft.com)