

FEATURES

- **Factory Mutual Approved for Off Road Vehicles**
- **-40°F (-40°C) to 158°F (70°C) Operating Range**
- **Quick Connect Connector**
- **Ingress Protected**
- **Non-Hazardous**
- **CE Approved**

DESCRIPTION

The Protractor is a safe rugged single use device, which converts an electrical input into mechanical output, for use with the following equipment:

- Control Head, Pneumatic/Electric
- Remote System Actuator

The Protractor includes a lead affixed with a quick connector compatible with the Input/Output (I/O) Cable Harness and the optional In-Line Releasing Device. Kidde wrapped the connectors in heat shrink to the lead's outer jacket for ingress protection.

The In-Line Releasing Device provides a factory made alternative to field fabricating the wiring and junction boxes required to outfit the Protractor to multiple Pneumatic/Electric Control Heads adjacent to each other. Kidde affixed the In-Line Device with quick connectors compatible with the I/O Cable Harness and wrapped the quick connectors to the leads' outer jacket in heat shrink for ingress protection.

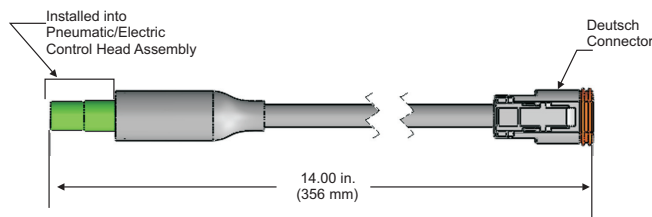


Figure 1. Protractor Assembly

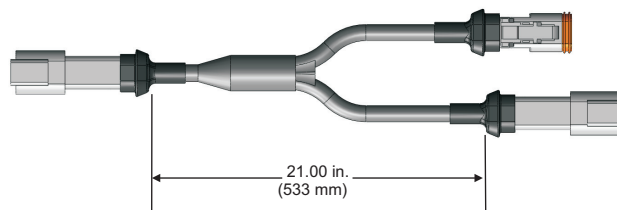


Figure 2. Release In-Line Connector

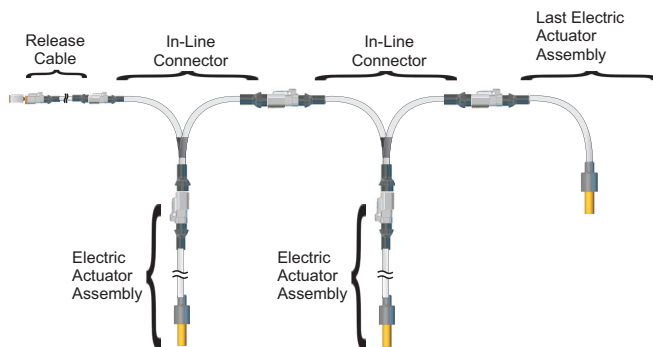


Figure 3. Release In-Line Connector—Usage

ORDERING INFORMATION

Description	Part Number
Releasing Device, In-Line	83-132487-300
Remote System Actuator	83-132514-000
Control Head, Pneumatic/Electric (Spare)	83-132500-000

REFERENCED COMPONENTS

Description	Reference Data Sheet
Cable Harness, I/O	K-83-244

IN-LINE RELEASING DEVICE SPECIFICATIONS

Description	Specifications
Operating Temperature:	-40°F to 194°F (-40°C to 90°C)
Agency Approval:	Not Required

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