

DCPF Series

Data Collection Poles



Features:

- Reduces the Need for a Safety Harness to Collect Data
- Includes 5 High Temperature Sensors Bushings
- 5 Extension Pole Lengths Available
- Patented Flex-Loc Head for Reliable Measurements
- Fiberglass Extension Pole
- 180° Tilting Head
- Rated to 400°F
- Optional Heavy-Duty Head for Large Sensors
- Optional Head for CMCP760T Triaxial Accelerometer

Typical Applications

Our Data Collector Pole offers the user the ability to stay on the ground, to collect the important data required to make decisions, about their machinery health and reliability. The Pole and Head Assembly are designed to be lightweight and functional. Our Triax Flexible Head Assembly was specially designed for use with the CMCP760TR Triaxial Accelerometer.

Technical Specifications

Pole Length:	See Ordering Information
Sensor Type:	Single Axis or Multi-Axis Sensors
Sensor Bushing Diameters:	1/2", 5/8", 3/4", 7/8", 1.0" (DCPF and DCPF-HD Only)
Triax Head Sensor Diameter:	1.70" (43.1mm)
Bushing Durometer:	70
Temperature Rating:	400°F
Flex-Loc Head Tilting Range:	180° with Stationary Locking Pin
Flex-Loc Head Material:	Anodized Aluminum
Standard Head Max. Pull:	50 Lbs.
Heavy Duty Head Max. Pull:	150 Lbs.
Pole Material:	Fiberglass
Cable Attachment:	Velcro
Flex-Lok Head Patent:	Patent # 61756690



Ordering Information:

Pole Type	Pole Length	Description
DCPF		Standard Flex-Loc Head
DCPF-HD		Heavy-Duty Flex Loc Head (For Magnets 1" OD or Over 50 Lb. Pull)
DCPF-TX		Triaxial Flex-Loc Head (For Use with CMCP760TR)
	-23	2' to 3' (0.6 to 0.9m) Extension Pole
	-47	4' to 7' (1.2 to 2.1m) Extension Pole
	-611	6' to 11' (1.8 to 3.4m) Extension Pole
	-814	8' to 14' (2.5 to 4.3m) Extension Pole
	-822	8' to 22' (2.5 to 6.7m) Extension Pole



Flex-Loc Head Instructions



1. The Flex-Lok Head Assembly comes standard with locking plunger pin, to fix head position. There are five available locking positions in the 180° span.



2. The head assembly can be locked by grasping the plunger pin lever and pulling it directly outward.



3. With plunger pin pulled outward, turn the lever counter-clockwise from the 12 o'clock position down to 6 o'clock.



4. At the 6 o'clock position, release the plunger pin lever and allow the plunger spring to lock into the chosen position of the head.

Reverse the steps to unlock.

Bushing Assembly Instructions:

Step 1:



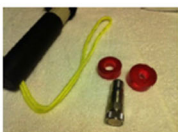
Pull the Lanyard Loop Over the Red Silicone Bushings

Step 2:



Pull all of the Bushings off of the Lanyard

Step 3:



Slide the Correct Size Bushing over the Accelerometer

Step 4:



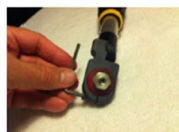
Find the Hex Wrench, supplied with each Pole and loosen the Head Assembly

Step 5:



Press the accelerometer, with the Bushing attached, back through the Head Assembly

Step 6:



Tighten the Head Assembly after Inserting the Accelerometer and Bushings

Step 7:



Attach Magnet to Accelerometer

Step 8:



Attach Cable Assembly by pressing 2-pin mil Right Angle Connector to Accelerometer and turn Connection ring until tight

Step 9:



Make sure the Velcro is wrapped around the Cable to help support it