

TuffCam™ Swing Clamps



Low Profile Magnetic Position Sensing

Low Profile Magnetic Position Sensing Swing Clamps

- Available for use on both 22kN and 33kN double acting TuffCam™ Low Profile Swing Clamps.
- Remove suffix - PS - and refer to the base model assembly part number for all other dimensions.
- Sensors sold separately.
- Sensor mounting housing is concentric to plunger shaft.
- For use with Double Acting clamps only.
- Arm clocking feature is compatible with all standard Vekttek arms (page C-12.)
- Standard swing is 90°; swing angles less than 90° require Swing Restrictors (Page C-29). Swing angles greater than 90° are special order products.

BHC™ (Black Hard Coating) on the cylinder body helps prevent scoring and scratching.

46-2297-00 PNP Position Sensing Kit includes:
29-7001-00 Sensor and 27-6424-00 Cord set

46-2297-01 NPN Position Sensing Kit includes:
29-7001-01 Sensor and 27-6424-00 Cord set

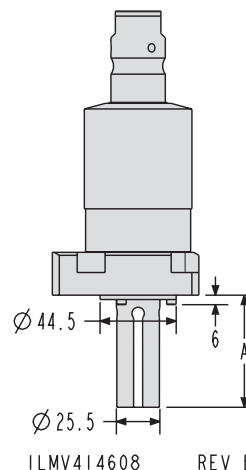
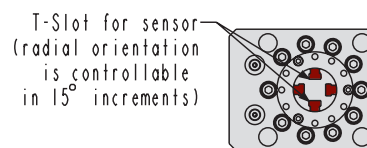
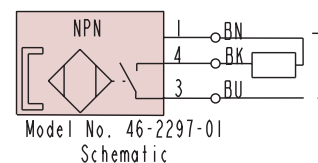
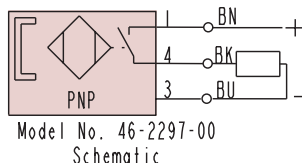
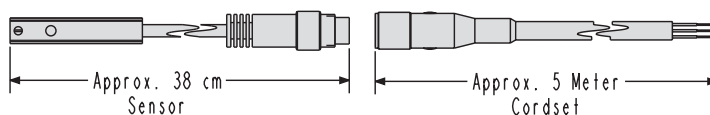
The use of NPN or PNP is determined by the type of control unit to which the sensor is connected. One Sensor is required for each sensing position.

Sensor Feature:

- Normally Open Contact
- LED Indicator Light
- 10 to 30 VDC operating range
- 3 Watt Maximum Contact Rating
- ≤ 0.8 ms Switch-off time
- ≤ 1.0 ms Switch-on time



C-18



Low Profile Magnetic Position Sensing System				
Model No.	Clamp Swing Direction	Cylinder Capacity (kN)	A (mm)	Optional Flow Control Model No.*
TuffCam™ Bottom Flange (D/A) clamps, hydraulic retract and extend				
41-4222-21-PS	Right	22	65.5	47-0203-74
41-4222-22-PS	Left			
41-4222-25-PS	Straight			
41-4233-21-PS	Right	33	65.5	47-0203-74
41-4233-22-PS	Left			
41-4233-25-PS	Straight			
TuffCam™ Top Flange (D/A) clamps, hydraulic retract and extend				
41-4622-21-PS	Right	22	65.5	47-0203-74
41-4622-22-PS	Left			
41-4622-25-PS	Straight			
41-4633-21-PS	Right	33	65.5	47-0203-74
41-4633-22-PS	Left			
41-4633-25-PS	Straight			
TuffCam™ Top Flange Long Stroke(D/A) clamps, hydraulic retract and extend				
41-4622-23-PS	Right	22	81.5	47-0203-74
41-4622-24-PS	Left			
41-4633-23-PS	Right	33	81.5	47-0203-74
41-4633-24-PS	Left			

* In-Port flow control requires the use of manifold mount ports.

Optional in-port flow control is a meter-in device with reverse free flow check valve.

