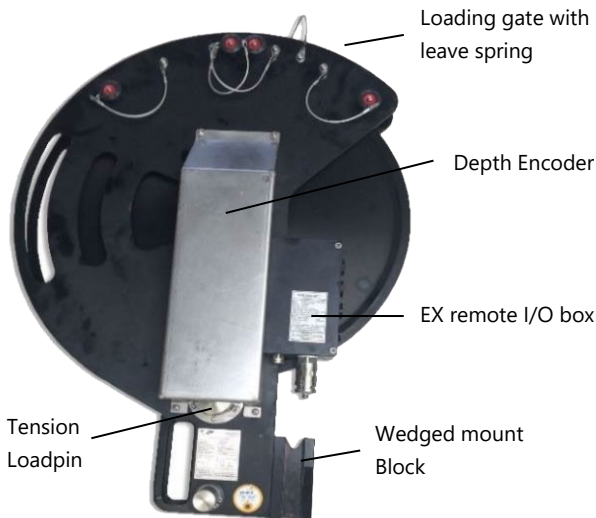


The ParaSheave is an intelligent sheave assembly that guides the wire into the well and at the same time is integrated with measuring sensors for Depth, Speed and Tension. The ParaSheave is mounted on top of ParaComm Antenna with stuffing box assembly (A1202452). The ParaSheave is equipped with explosion proof certified electronics to communicate depth, speed and tension data to the ParaComm Antenna that is connected to the ParaComm Data Processing panel in the winch unit.

By using the ParaSheave there is no need any more for a conventional MeasureHead system that is normally installed at the winch unit.



Depth and Tension

- With the ParaSheave design the wire experiences low slip-page by the 180° contact around the top sheave wheel and this results in a most reliable and accurate depth measurement. With a rpm measurement at the winch drum and cable lengths that are marked on the Slick-E-Line® cable providing a 300% redundancy level for depth.
- The line tension is calculated for an optimum wire fleet angle of 5° to vertical axis. The Load pin rating supports a maximum safe working load of 2T line tension.
- The ParaSheave cable guide design significantly reduces the friction on the wire. This leads to minimal wear and a significant increase of life-times of both cable and sheave.

Features

- Hardened aluminum wheel with lowest friction and highest corrosion resistance
- Integrated design with encoder for Depth, Speed and Loadpin for 2T line tension
- Quick release EX PoE snap connector
- Easy wire installation with spring leave
- Easy replacement of encoder, loadpin and bearings
- Eye Clevis for use as top sheave (option: wire cutter)

Benefits

- Reliable and most accurate depth measurement by 180° line contact and lowest slip-page
- Significant increase of life-time of cable (by absence of conventional measuring head)
- Low friction for exceptional durability of both cable and wheel
- Zero maintenance for sheave design with enclosed bearings

Part Number:	A1204987	
Temperature rating	-20 / + 60°C	
Weight	32 kg	70 lbs

Wireline diameter	0.092 to 0.160" (or to 7/32")	
Sheave Size (A1204964)	20" (groove 508.8mm)	
Groove radius	2.75 mm	
Maximum SWL	2000 kg	4410 lb
Loadpin (A1205070)	Ø 35 mm	
Maximum SWL	2000 kg	4410 lb
Electrical connection	EX PoE snap connector	
Cable	A1204141, 1.7 m to ParaComm Antenna	
Bottom connection	Wedged mounting block (lockable)	
EX Classification	CE Ex II 2 G IIB T3 (zone 1)	
Standards	EN-IEC 60079-0, -7, -11, 17, -18 EN 13463-1:2009 94/9/EC, 98/37/EC	
Service	H2S	
Calibration fixture	A1205105	
Option	Eye Nut clevis for use as top sheave	