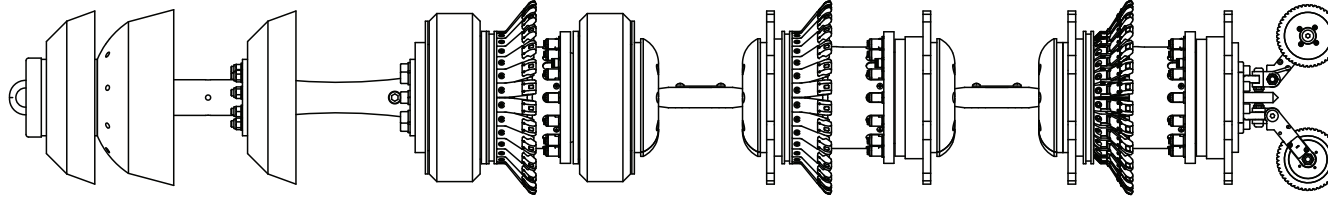




DfL™ DIGITEL FLUX LOGGER

8 inch - Technical Specifications



DESIGN

Tool Attributes

Odometer Channels	2
Odometer Resolution	0.100 in (2.54 mm)
Data Storage	Flash Data Storage, expandable
Inertial Mapping	GIS/GPS Mapping & Geospatial Reporting

DATA SETS (# Sensors)		OPERATIONAL	
Metal Loss	56	Max. Pressure	1650 psi (11376 kPa)
Residual	56	Temp. Range	32 to 140 °F (0 to 60 °C)
IDOD	28	Velocity	≈ 0.1 to 8 mph (0.04 to 3.6 m/s)
Caliper	28	Required Differential Pressure	25 to 80 psi (172 to 552 kPa)

PIPELINE GEOMETRY REQUIREMENTS		in (mm)
Local Min. Cross Sectional Diameter (in straight pipe - Dent, Buckle, etc.)		6.90 (175.26)
Feature Bore Restriction Diameter (Tee, Valve, etc.)		7.37 (187.20)
Min. Bend Radius		1.5D
Min. Bend Separation		4.31 (109.47)
Min. Tee Separation (centerline to centerline)		24.00 (609.60)
Max. Passable Wall Thickness		0.625 (15.88)
Max. Recordable Wall Thickness		0.562 (14.27)

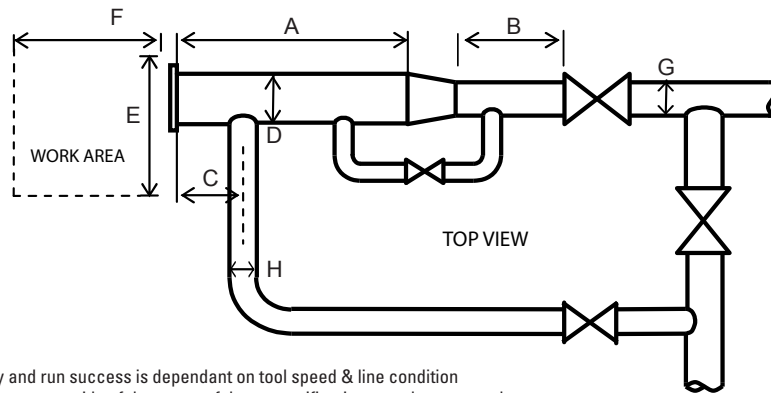
IMU SPECIFICATIONS @ 3 – 8 mph / (1.3 to 3.6 m/s)		DIMENSIONS	
Gyros	Accelerometers	Length	65 in (1651 mm)
Latitude ±1 m, 1 σ	Additional information available upon request	Weight	132 lb (60 kg)
Longitude ±1 m, 1 σ		TOOL RANGE @ 3 mph (1.3 m/s)	
Elevation ±1 m, 1 σ		* Run Time	77 hours

SUGGESTED MINIMUM TRAP DIMENSIONS in (mm)								
Traps	A	B	C	D	E	F	G	H
Launcher	77 (1956)	33 (838)	18 (457)	10 (254)	56 (1422)	137 (3480)	8 (203)	4 (102)
Receiver	77 (1956)	77 (1956)	18 (457)	10 (254)	56 (1422)	137 (3480)	8 (203)	4 (102)

REPORTING

Metal Loss	ERW	Seamless
Min. Depth Sizing (POD 90%)	10%	15%
Sizing Accuracy - Depth	± 10% (.10t)	± 15% (.15t)
Sizing Accuracy - Length	± 0.50 in (13 mm)	
Geometry Data		
Reporting Threshold	0.50% of Pipe O.D. (0.05 in)	
Sizing Accuracy - Depth	0.05 in (1.27 mm)	

Location Accuracy		Notes:
Axial: ± 0.01% within a joint		
Circumferential: ± 10°		
Bend Data		
Angle Accuracy	± 2°	
Direction	± 10°	
Radius	± 0.2D	



Notes:

- Data quality and run success is dependant on tool speed & line condition
- Pipelines that are outside of the scope of these specifications can be assessed on an individual basis; please contact Enduro.
- Tool design may vary from image above.

* Increased run time available with additional battery packs

Data is subject to change without notice | 8" DfL 0700-4B-17395 Rev. 4
11/6/2015 - 0700-19-13742 rev 2

8 inch



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PIPELINE SERVICES, INC.