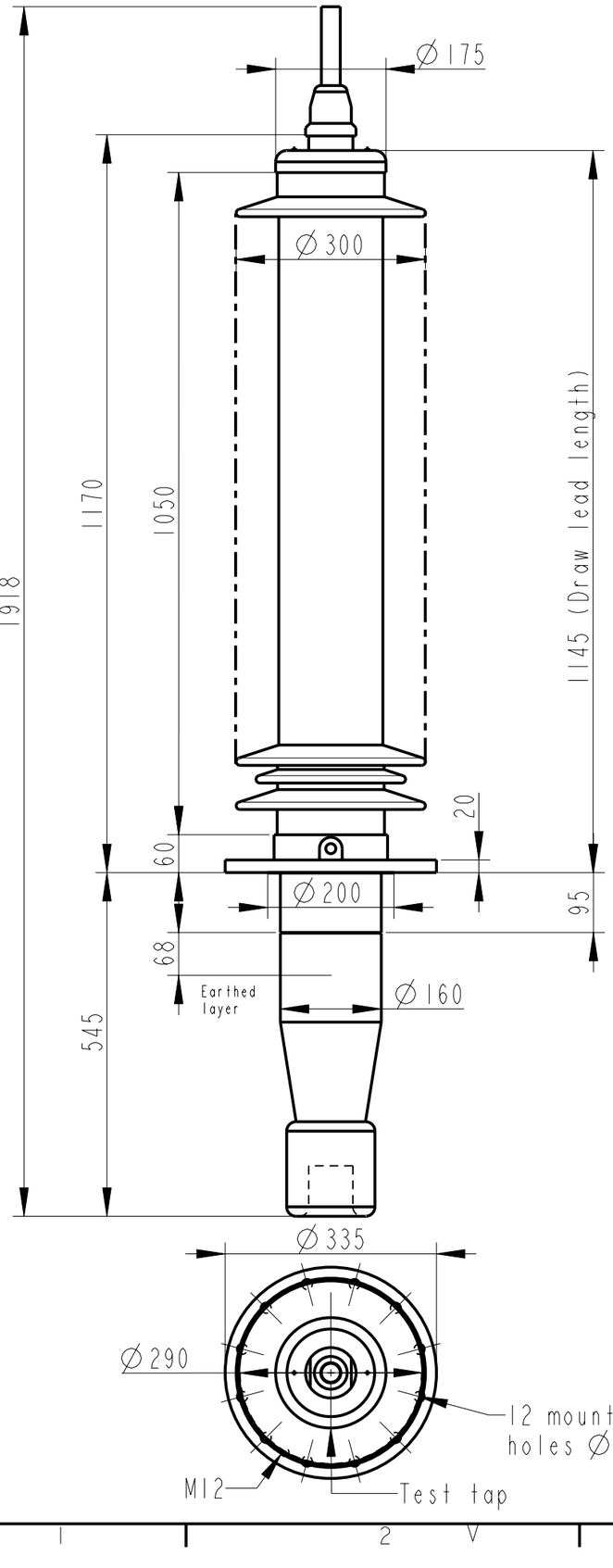
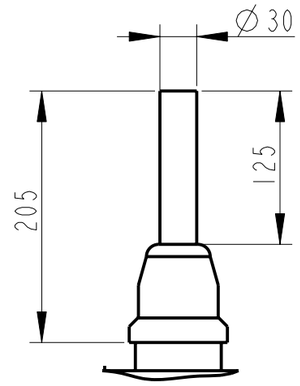
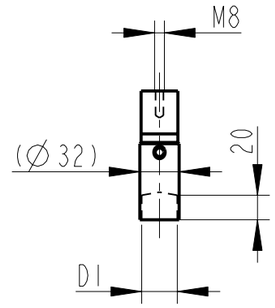
Rev Ind	Revision	Appd	Date
1		TL	01-38



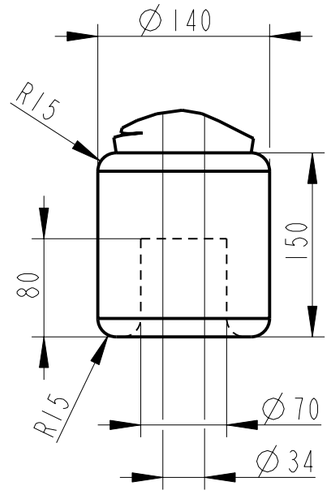
OUTER TERMINAL



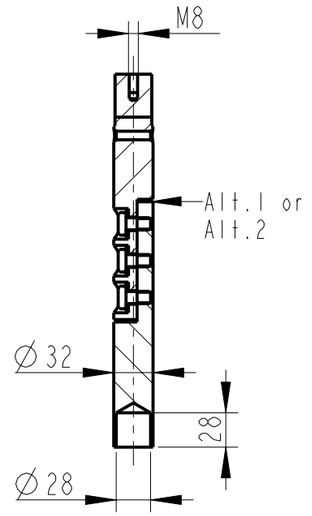
INNER TERMINAL FOR STRANDED CABLE



END SHIELD



SOLID ROD CONNECTOR



The solid rod can be divided either:
Alt.1: 20mm below the bushing flange or
Alt.2: 20mm below the upper end of the bottom porcelain

Bushing Data:

Rated Voltage	170	kV
Phase to Ground Voltage	123	kV
Dry Lightning Impulse 1,2/50µs	550	kV
Wet power frequency AC	230	kV
Routine test 1min dry 50Hz	260	kV
Rated Current	1250	A
Creepage Distance	3430±100	mm
Creepage Distance Protected	1350	mm
Mass	105	kg

Ordering Data:

BUSHING	COLOUR AIR INSULATOR
LF123065-M	BROWN
-N	LIGHT GREY

OUTER TERMINAL

LF 170 002-B	Cu, Ø30, L=125
LF 170 001-B	Al, Ø30, L=125

OTHER TYPES ON REQUEST

INNER TERMINAL FOR STRANDED CABLE

For brazing	Conductor area	D1
LF 170 011-T	up to 285mm²	Ø29
LF 170 011-V	Undrilled with pilot hole	Ø5

SOLID ROD CONNECTOR

LF 170 052 -AM for Alt.1

N/A for Alt.2

ABB Components Ludvika, Sweden

No.
Ur-Uy kV Ir A 50-60 Hz
Ui / Si / AC kV
M kg L mm V
C1 pF Tan δ %
C2 pF Tan δ %

Based on	Reg. No.	Title: GOB 550-1250-0 WITHOUT OIL LEVEL GAUGE LONG END SHIELD	
Prepared: Lövnord	Responsible department: COM/BK 0036		Language
Approved: Johansson	Take over department		
Design engineering review: Gudmundsson	Database		Page: 1(1)
ABB Components		Document No.: 2751369-152	

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