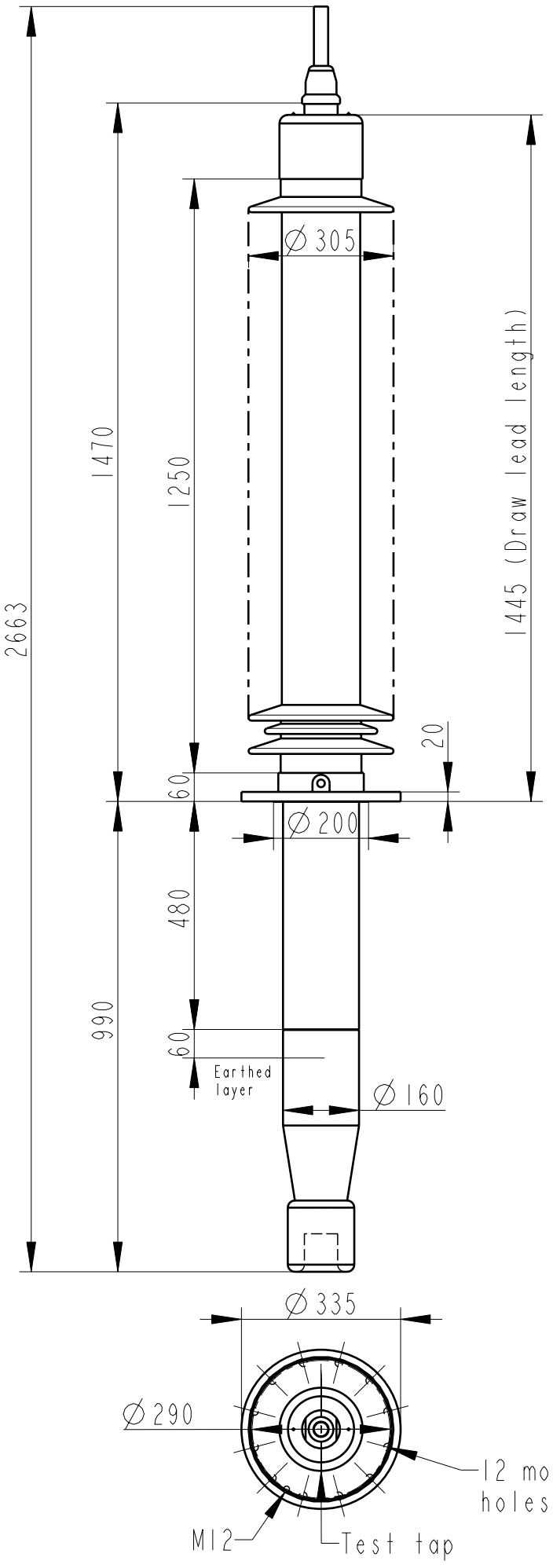

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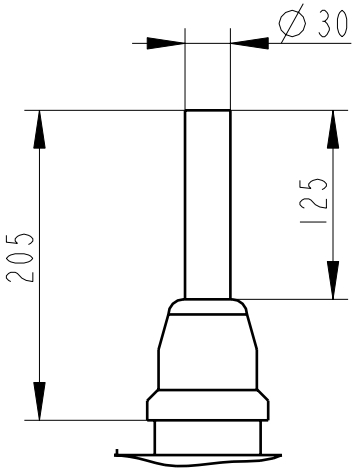
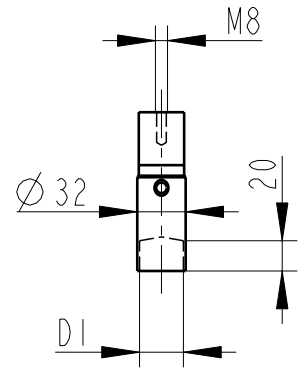
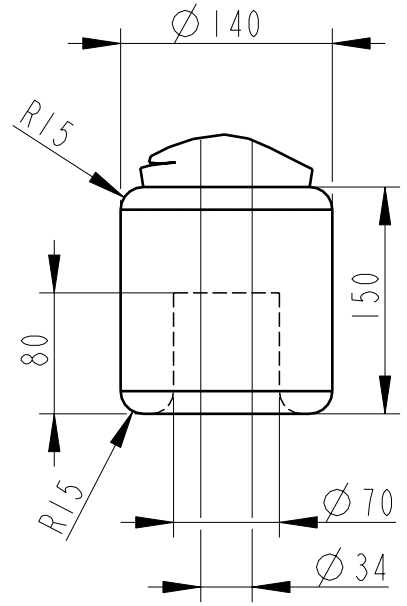
OUTER TERMINAL



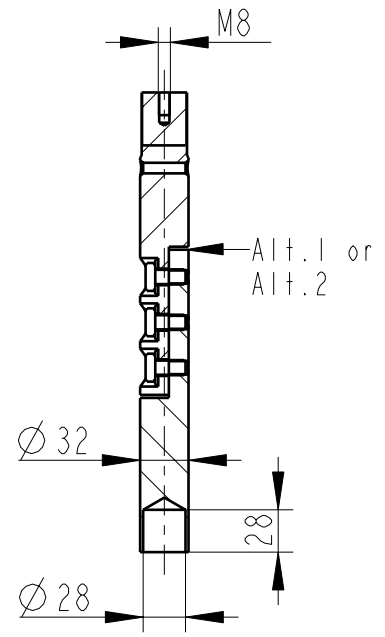
INNER TERMINAL FOR STRANDED CABLE



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	145	kV
Dry Lightning Impulse 1,2/50µs	650	kV
Wet power frequency AC	275	kV
Routine test 1min dry 50Hz	300	kV
Rated Current	1250	A
Creepage Distance	4080±110	mm
Creepage Distance Protected	1620	mm
Mass	126	kg

Ordering Data:

BUSHING	COLOUR AIR INSULATOR
LF123113-M	BROWN
-N	LIGHT GREY

OUTER TERMINAL

LF 170 002-B	Cu, ∅30, L=125
LF 170 001-B	Al, ∅30, L=125

OTHER TYPES ON REQUEST

INNER TERMINAL FOR STRANDED CABLE

For brazing	Conductor area	D1
LF 170 011-T	up to 285mm²	∅29
LF 170 011-V	Undrilled with pilot hole	∅5

SOLID ROD CONNECTOR

LF 170 052 -L	for Alt.1
LF 170 052 -H	for Alt.2

ABB Components Ludvika, Sweden

No.
Ur/Uy kV Ir A 50/60 Hz
LI / SI / AC kVp
M kg L mm V
C1 pF Tan δ x
C2 pF Tan δ x

Based on		Reg. No.	Title: GOB 650-1250-0.5 WITHOUT OIL LEVEL GAUGE LONG END SHIELD
Prepared: Lövnord		Responsible department: COM/BK	Language
Approved: Johansson		Take over department	
Design engineering review: Hedlund		Database	Page: 1(1)
ABB Components			Document No.: 2751369-162