

Oil expansion tanks for fluid-filled terminations

Oil expansion tanks type ET12 and ET12-H

For high voltage cable terminations up to 550 kV

Product main features

- Robust stainless steel V2A housing
- Pressure gauge with V4A housing and IP66 protection class
- Signal cable 2 meters
- Oil connection tube 10 meters, can be shortened on site
- For indoor and outdoor applications
- Oil operating temperature from -30 °C up to + 80 °C
- Pressure gauge types
 - Type 232.30.063 without contacts, range -1 to 10 bar
 - Type 821.1.12 with contacts, range -1 to 5 bar normally open / normally open / normally closed
 - Type 821.2.21 with contacts, range -1 to 5 bar normally closed / normally closed / normally open

Brugg oil expansion tanks type ET12 and ET12H are easy to install and have been specifically designed for the secure oil expansion compensation for fluid-filled high voltage cable outdoor terminations from 245 kV up to 550 kV. The stainless steel housing provides excellent mechanical protection for all types of installation. The "H" version has a special protective coating and allows its use in applications with corrosive environments, such as salty air. For the assurance of a long-term continues operation in service, the integrated compartment membrane cell is carefully pressurized under controlled conditions during manufacturing. The sets contain a pressure gauge with an IP66 protection rating. A 10 meter oil connection tube with integrated valve terminals is also provided.



Ordering information

Type	Description	Application	Drawing	Pressure gauge type	Part no
ET12	Oil expansion tank for fluid filled HV cable terminations - standard	Standard Corrosion coating, colour grey	S1988-4	232.30.063	76899
ET12	Oil expansion tank for fluid filled HV cable terminations - standard	Standard Corrosion coating, colour grey	S1886-4	821.1.12	76895
ET12	Oil expansion tank for fluid filled HV cable terminations - standard	Standard Corrosion coating, colour grey	S1886-4	821.1.21	76896
ET12-H	Oil expansion tank for fluid filled HV cable terminations - heavy duty	Heavy duty special corrosion coating, colour white	S1987-4	821.1.12	76897
ET12-H	Oil expansion tank for fluid filled HV cable terminations - heavy duty	Heavy duty special corrosion coating, colour white	S1987-4	821.1.21	76898

Additional products (to be ordered separately)

Type	Description	Protection class	W x H x D mm	Part no
Junction box	Junction box for connection of up to 3 manometer signal cables	IP66	180 x 130 x 77	76406