

Digital Transformer Top-oil / Winding Temperature Controller Product Selection Form

No.	Parameter	Digital Transformer Top-Oil Temperature Controller	Digital Transformer Winding Temperature Controller
1	Model	TOT ☐	TWT ☐
2	Optical Fiber Function	Add optical fiber temp measurement ☐	Add optical fiber temp measurement ☐
3	Measuring Range	0-150°C ☐ 0-160°C ☐ -20-140°C ☐ Others: _____	0-150°C ☐ 0-160°C ☐ -20-140°C ☐ Others: _____
4	Number of Switches	4 sets of switches ☐ 6 sets of switches ☐ Others: _____	4 sets of switches ☐ 6 sets of switches ☐ Others: _____
5	Switch Settings	K1:____°C K2:____°C K3:____°C K4:____°C K5:____°C K6:____°C	K1:____°C K2:____°C K3:____°C K4:____°C K5:____°C K6:____°C
6	Output Parameters	Output signal:Pt100 ☐ Output signal:4-20mA ☐ Output signal:RS485 ☐ Output signal:Pt100x2 ☐ Output signal:4-20mAx2 ☐ Output signal:No output ☐ Others: _____	Output signal:Pt100 ☐ Output signal:4-20mA ☐ Output signal:RS485 ☐ Output signal:Pt100x2 ☐ Output signal:4-20mAx2 ☐ Output signal:No output ☐ Others: _____
7	Cable Length	6 m ☐ 8 m ☐ 10 m ☐ 12 m ☐ 16 m ☐ Others:_____m	6 m ☐ 8 m ☐ 10 m ☐ 12 m ☐ 16 m ☐ Others:_____m
8	Mounting Dimensions	80x100 mm ☐ 144x210 mm ☐ Others:_____	80x100 mm ☐ 144x210 mm ☐ Others:_____
9	Mounting Thread	M27*2 ☐ M33*2 ☐ Others:_____	M27*2 ☐ M33*2 ☐ Others:_____
10	Thermowell Rain Cover	Included ☐ Not included ☐	Included ☐ Not included ☐
11	Meter Head Rain Cover	Included ☐ Not included ☐	Included ☐ Not included ☐
12	Meter Head Rain Cover	C3 ☐ C4 ☐ C5 ☐ CX ☐ Others:_____	C3 ☐ C4 ☐ C5 ☐ CX ☐ Others:_____
13	Electrical Connection	5 x M20*1.5 ☐ 3 x M25*1.5 ☐	5 x M20*1.5 ☐ 3 x M25*1.5 ☐
14	Sealing Material	NBR (Nitrile) ☐ FPM (Fluororubber) ☐ Acrylate ☐ Others:_____	NBR (Nitrile) ☐ FPM (Fluororubber) ☐ Acrylate ☐ Others:_____
15	Temperature Controller CT	/	CT Ratio:_____ Rated Current:_____ Copper-Oil Temp. Difference:_____°C

No.	Parameter	TR-25 Intelligent Buchholz Relay	TR-80 Intelligent Buchholz Relay
1	Model	TR-25 ☐	TR-80 ☐
2	Flange Type	4-hole Round Flange ☐	4-hole Round Flange ☐ 8-hole Round Flange ☐ 4-hole Square Flange ☐
3	Digital Gas Accumulation Monitoring	Included ☐ Not included ☐	Included ☐ Not included ☐
4	Gas alarm(Action Contacts)	1 x NO Contact ☐ 2 x NO Contacts ☐	1 x NO Contact ☐ 2 x NO Contacts ☐ 3 x NO Contacts ☐
5	Gas alarm (Gas Volume)	200 ml ☐ 240 ml ☐ 280 ml ☐ 210 ml ☐ 250 ml ☐ 290 ml ☐ 220 ml ☐ 260 ml ☐ 300 ml ☐ 230 ml ☐ 270 ml ☐	200 ml ☐ 240 ml ☐ 280 ml ☐ 210 ml ☐ 250 ml ☐ 290 ml ☐ 220 ml ☐ 260 ml ☐ 300 ml ☐ 230 ml ☐ 270 ml ☐
6	Gas trip (Action Points)	1 x NO Contact ☐ 2 x NO Contacts ☐	1 x NO Contact ☐ 2 x NO Contacts ☐ 3 x NO Contacts ☐
7	Gas trip (Flow Rate Trigger)	1.0 m/s ☐ 1.4 m/s ☐ 1.8 m/s ☐ 1.1 m/s ☐ 1.5 m/s ☐ 2.0 m/s ☐ 1.2 m/s ☐ 1.6 m/s ☐ 2.5 m/s ☐ 1.3 m/s ☐ 1.7 m/s ☐	1.0 m/s ☐ 1.4 m/s ☐ 1.8 m/s ☐ 1.1 m/s ☐ 1.5 m/s ☐ 2.0 m/s ☐ 1.2 m/s ☐ 1.6 m/s ☐ 2.5 m/s ☐ 1.3 m/s ☐ 1.7 m/s ☐
8	Output Parameters	No output required ☐ 4-20mA ☐ RS485 output ☐ RS485 output + 4-20mA (Optional) ☐	No output required ☐ 4-20mA ☐ RS485 output ☐ RS485 output + 4-20mA (Optional) ☐
9	Trip Type	Gas trip/Low oil level Combined ☐ Gas trip/Low oil level Separate ☐	Gas trip/Low oil level Combined ☐ Gas trip/Low oil level Separate ☐
10	Gas Collection Box	Included ☐ Not included ☐	Included ☐ Not included ☐
11	Rain Cover	Included ☐ Not included ☐	Included ☐ Not included ☐
12	Copper Tube Length	6 m ☐ 12 m ☐ 10 m ☐ 15 m ☐ Others:_____m	6 m ☐ 12 m ☐ 10 m ☐ 15 m ☐ Others:_____m
13	Electrical Connection	1 x M20*1.5 ☐ 1 x M25*1.5 ☐ 2 x M20*1.5 ☐ 2 x M25*1.5 ☐	1 x M20*1.5 ☐ 1 x M25*1.5 ☐ 2 x M20*1.5 ☐ 2 x M25*1.5 ☐
14	Corrosion Protection Class	C3 ☐ C4 ☐ C5 ☐ CX ☐ Others:_____	C3 ☐ C4 ☐ C5 ☐ CX ☐ Others:_____
15	Sealing Material	NBR (Nitrile) ☐ FPM (Fluororubber) ☐ Acrylate ☐ Others:_____	NBR (Nitrile) ☐ FPM (Fluororubber) ☐ Acrylate ☐ Others:_____

Digital Transformer Oil Level Gauge Product Selection Form

No.	Parameter	TOL-140 Digital Transformer Oil Level Gauge	TOL-250 Digital Transformer Oil Level Gauge
1	Model	TOL-140 ☐	TOL-250 ☐
2	Float Movement	Radial ☐	Axial ☐ Radial ☐
3	Pointer Swing Angle	120° (Standard) ☐	120° (Standard) ☐ 270° (Optional) ☐
4	Switch Type	1 MAX + 1 MIN (Standard) ☐ 2 MAX + 2 MIN (Optional) ☐	1 MAX + 1 MIN (Standard) ☐ 2 MAX + 2 MIN (Optional) ☐
5	Flange Dimensions	Standard IEC60076-22-1 Mounting hole PCD Ø116 ☐ Mounting hole PCD Ø130 ☐	Standard IEC60076-22-1 Mounting hole PCD Ø116 ☐ Mounting hole PCD Ø130 ☐
6	Power Supply Type	AC/DC 220V (Standard) ☐ DC24 V (Optional) ☐	AC/DC 220V (Standard) ☐ DC24 V (Optional) ☐
7	Maximum Swing Rod Length (mm)	Radial movement,center mounting ☐ Conservator inner diameter D=_____ Radial movement, eccentric mounting ☐ Conservator inner diameter D=_____ Mounting eccentricity=_____	Radial movement,center mounting ☐ Conservator inner diameter D=_____ Axial movement, bottom mounting ☐ Conservator inner diameter D=_____ Radial movement, eccentric mounting ☐ Conservator inner diameter D=_____ Mounting eccentricity=_____
8	Output Parameters	No output required ☐ 4-20mA ☐ RS485 output ☐ RS485 output + 4-20mA (Optional) ☐	No output required ☐ 4-20mA ☐ RS485 output ☐ RS485 output + 4-20mA (Optional) ☐
9	Electrical Connection	3 x M25*1.5 (Standard) ☐ 3 x M20*1.5 (Optional) ☐	3 x M25*1.5 (Standard) ☐ 3 x M20*1.5 (Optional) ☐
10	Window Material	Polycarbonate (Standard) ☐ Tempered glass (Optional) ☐	Polycarbonate (Standard) ☐ Tempered glass (Optional) ☐
11	Sealing Material	NBR (Nitrile) (Standard) ☐ FPM (Fluororubber) (Optional) ☐ EPDM (Optional) ☐ Others (Optional) ☐	NBR (Nitrile) (Standard) ☐ FPM (Fluororubber) (Optional) ☐ EPDM (Optional) ☐ Others (Optional) ☐
12	Corrosion Protection Class	C3 ☐ C4 ☐ C5 ☐ CX ☐ Others:_____	C3 ☐ C4 ☐ C5 ☐ CX ☐ Others:_____
13	Rain Cover	Not required (Standard) ☐ Required (Optional) ☐	Not required (Standard) ☐ Required (Optional) ☐