

Analytical instruments for Electrolyzer Application with Pro-Chem Analytik GmbH



SIL

Oxytrans II Ex switchable Range % + ppm O2 ATEX storage/ stack contro!



OxyTrans LC O2 in H2 storage contro!
none ATEX
10.000ppm



SIL

H2 Trans Ex fixed Range
10.000ppm
ATEX H2 in O2



HCT Hydro-Trans WLD 0 - 5% H2 in O2 ATEX Ex d



Hydro-Trans WLD
0 - 5% H2 in O2
none ATEX



Moisture transmitter LDT
-100°C dew point for H2 control!
none ATEX



SIL

Oxytrans I Ex fixed Range % + ppm ATEX storage/ stack contro!



H2-Room contro!
Range 5%
H2 in O2 contro!
ATEX Ex d



O2-Tracer LC
5 % O2 in H2
stack contro!
none ATEX



SIL

Oxytrans 100 Ex
Range 100% O2
ATEX SIL
O2-Pipe contro!



PEM Electrolyzer 5Nm³/h 40 bar < 3 ppm H2O und < 2 ppm O2



Moisture transmitter
-60°C bis +40°C dew point for H2 contro!
none ATEX



Moisture transmitter
AMT Ex -100°C dew point H2 contro!
ATEX



Panel with aerosol Trap for pressure electrolyzer 50 bar



Panel with gas cooler and condensate pumps



Panel O2 in H2 and H2 in O2 SIL for Pressure electrolyzer 30 bar



Panel O2 in H2 and H2 in O2 SIL for atmosphere electrolyzer