

JUMO ecoTRANS pH 03

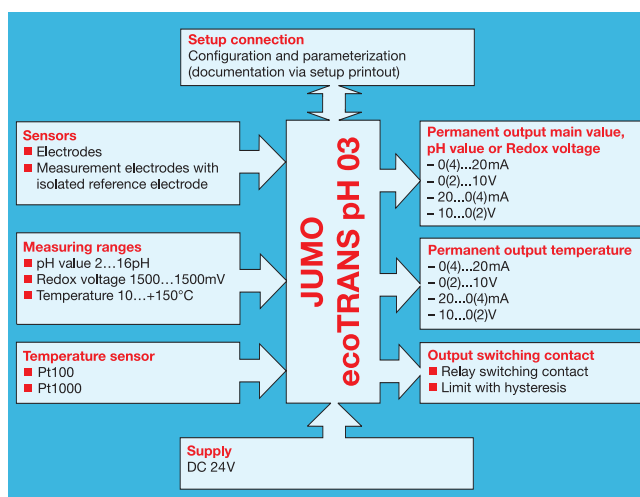
Transmitter for pH Value/Redox Voltage and Temperature with Switching Contact



Features

- **Main variables**
 - pH value (temperature compensated)
 - Redox voltage
- **Usable sensors**
 - Electrodes
 - Measurement electrodes with isolated reference electrode
- **Connection**
 - Screw terminals
 - Asymmetrical (normal) connection
 - Symmetrical connection
- **Switching output**
 - Relay switching contact

- **Two permanent outputs, electrically isolated**
 - Main variable
 - Temperature
- **Binary input (activated by external floating contact)**
 - Can be used to change the outputs to previously defined states (for example during maintenance work)
- **Housing for rail mounting**
 - 35 mm x 7.5 mm rail to EN 60715 A.1
 - Dimensions: 109 mm x 22.5 mm x 124.8 mm (H x W x D)
- **Operation/programming**
 - Keys and LC display
 - Setup program (file)



Possible areas of application:

General water systems, drinking water and wastewater, industrial water, surface water and sea water, swimming pools, fountains, monitoring tasks

High-profile products and services

e-mail: mail@jumo.net

Phone: +49 661 6003-0



Analytical Measurement

- pH/redox: sensors and transmitters/controllers
- Conductivity instrumentation: conductive and inductive
- Dissolved oxygen measurement
- Chlorine, chlorine dioxide, ozone, hydrogen peroxide and peracetic acid instrumentation
- Fittings and accessories



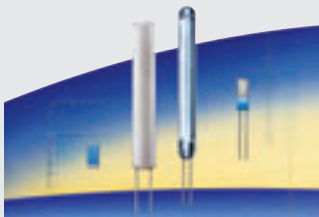
Pressure measurement technology

- Pressure transmitters
- Pressure switch
- Level probes
- Pressure gauge
- Pressure cells
- Chemical seals and accessories



Transducers for Temperature and Humidity

- Thermocouples
- Resistance thermometers
- Ex temperature probes (ATEX)
- Wireless temperature probe
- Humidity measuring instruments
- DKD (German Calibration Service) laboratory
- Nationally accredited testing station for heat



Platinum temperature sensors

in wirewound technology:

- Glass
- Glass with glass extension
- Ceramic
- Foil

in thin-film technology:

- Chip with connecting wires
- Chip in SMD style on epoxy board
- Chip with terminal clamps
- Chip in cylindrical style
- Chip in SMD style



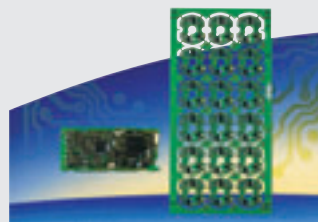
Controllers, Power units, System/Recording technology

- Process controls and programmers
- Automation software
- Electronic thermostats/microstats
- Safety temperature monitor/limiter
- Digital indicators
- Process controller
- Recording instruments
- Temperature transmitters
- Thyristor power switches/power units
- Software and accessories



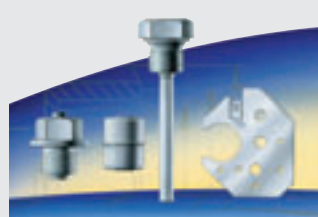
Thermostats and Dial Thermometers

- Panel and surface mounting thermostats in TR, TW, TB, STW and STB versions
- Room thermostats
- Warm-air thermostats
- Ex thermostats (ATEX)
- Electronic thermostats
- Dial thermometers as indicating and control instruments
- Bimetallic temperature switches
- Electronic temperature indicators with transmitter



Electronic modules

- CAD layouting
- Component procurement
- THT and SMD placing
- AOI-testing
- In-circuit testing
- Functional testing
- Run-in
- Final assembly
- Final instrument test



Metalworking

- Stamping and forming systems
- Tool manufacture
- Flexible sheet metal working
- Welding, jointing and assembly systems
- Surface engineering
- Machining
- Float
- Materials laboratory



Service

- Planning and project design for automation solutions
- German Calibration Service (DKD) for temperature
- Support during commissioning and optimization
- Worldwide service network
- Technical support line
- Seminars and workshops
- Fieldbus center
- Technical literature
- JUMO home page: www.jumo.net



Head office Fulda

JUMO GmbH & Co. KG
 ☎ +49 661 6003-0
mail@jumo.net
www.jumo.net

Darmstadt

☎ +49 6151 3508-0
<http://darmstadt.jumo.info>

Essen

☎ +49 201 86627-0
<http://essen.jumo.info>

Hannover

☎ +49 5723 9432-0
<http://hannover.jumo.info>

Ingolstadt

☎ +49 841 37934-0
<http://ingolstadt.jumo.info>

Leipzig

☎ +49 341 4900810
<http://leipzig.jumo.info>

Stuttgart

☎ +49 7021 95091-0
<http://stuttgart.jumo.info>

Austria

JUMO Mess- und Regelgeräte Ges.m.b.H
 ☎ +43 1 6 10 61 0
info@jumo.at
www.jumo.at

Belgium

JUMO Automation S.P.R.L./P.G.M.B.H./B.V.B.A.
 ☎ +32 87 59 53 00
info@jumo.be
www.jumo.be

Bulgaria

JUMO Izmervatelni uredi i Regulatori
 ☎ +359 2 973 39 88
jumobg@centrum-group.com

China

JUMO Automation Dalian Co. Ltd.
 ☎ +86 411 8718 9010
info@jumo-china.com
www.jumo-china.com

Croatia

JUMO Mess- u. Regelgeräte Ges.m.b.H
 ☎ +385 42 30 30 10
info@jumo.hr
www.jumo.hr

Czech Republic

JUMO Mereni a regulace s.r.o.
 ☎ +420 541 321 113
info@jumo.cz
www.jumo.cz

Denmark

JUMO Måle- og Regelteknik A/S
 ☎ +45 46 19 46 66
info.dk@jumo.net
www.jumo.dk

France

JUMO Régulation SAS
 ☎ +33 3 87 37 53 00
info.fr@jumo.net
www.jumo.fr

Hungary

JUMO HUNGARIA Kft.
 ☎ +36 1 467 08 35
jumobudapest@jumo.hu
www.jumo.hu

India

JUMO India Pvt. Ltd.
 ☎ +91 124 4121 643
info.in@jumo.net
www.jumo.in

Italy

JUMO Italia SRL
 ☎ +39 02 24 13 55 1
info.it@jumo.net
www.jumo.it

Netherlands

JUMO Meet- en Regeltechniek B.V.
 ☎ +31 294 49 14 91
info@jumo.nl
www.jumo.nl

Norway

JUMO AS
 ☎ +47 67 97 37 10
info.no@jumo.net
www.jumo.no

Poland

JUMO Sp.z.o.o.
 ☎ +48 71 3 39 82 39
biuro@jumo.com.pl
www.jumo.com.pl

Romania

S.C. JUMO Romania S.R.L.
 ☎ +402 573 48 499
info@jumo.ro
www.jumo.ro

Russia

JUMO GmbH
 ☎ +7 495 961 32 44
jumo@jumo.ru
www.jumo.ru

Serbia/Montenegro

JUMO Mereni i regulacioni uredaj
 ☎ +381 11 285 2279
sipjan@eunet.yu

Slovakia

JUMO Slovensko s.r.o.
 ☎ +421 244 87 16 76
jumo@stonline.sk
www.jumo.sk

Slovenia

JUMO merilni in regulacijski aparati
 ☎ +386 2 421 51 83
info@jumo.si
www.jumo.si

Spain

JUMO Control S.A.
 ☎ +34 91 8863 153
g.jentsch@jumo.es
www.jumo.es

Sweden

JUMO Mät- och Regelteknik AB
 ☎ +46 42 38 62 80
info@jumo.se
www.jumo.se

Switzerland

JUMO Mess- und Regeltechnik AG
 ☎ +41 44 928 24 44
info@jumo.ch
www.jumo.ch

Turkey

JUMO Ölçü Sistemleri ve
 ☎ +90 216 455 86 52
info.tr@jumo.net
www.jumo.com.tr

USA

JUMO Process Control, Inc.
 ☎ +1 315-697-5866
info@jumo.us
www.JUMO.us

United Arab Emirates

JUMO GmbH & Co. KG
 ☎ +971 4 347 2936
info.ae@jumo.net
www.jumo.ae

United Kingdom

JUMO Instrument Co. Ltd.
 ☎ +44 1279 63 55 33
sales@jumo.co.uk
www.jumo.co.uk

For further international locations please visit www.jumo.net