

# Product map



## Pressure independent balancing and control valves

**TA-MODULATOR**  
DN 15-150, PN16/25, -10/120 °C, -10/90 °C  
EQM

**TA-COMPACT-P**  
DN 10-32, PN16, -10/90 °C  
LIN

**TA-FUSION-P**  
DN 32-50, PN16/25, -20/120 °C  
EQM

**KTM 512**  
DN 15-125, PN16/25, -10/120/150 °C  
EQM

## Actuators

**EMO T**  
24 VAC/VDC On-Off NO, NC  
230 VAC On-Off NO, NC

**EMO TM**  
24 VAC modulating

**TA-DONGLE**  
communication with TA-Slider and smartphone

## Smart Control

**TA-Smart**  
DN 32-50, PN 25  
Ultrasonic flow measurement technology, with unique actuation algorithms capabilities, continuous measurement & digital versatility in communication.

**TA-Smart**  
DN 65-80, PN 16, PN 25  
Ultrasonic flow measurement technology, with unique actuation algorithms capabilities, continuous measurement & digital versatility in communication.

## Combined balancing and control valves

**TBV-C**  
DN 15-25, PN16, -20/120 °C  
For On-Off control

**TBV-CM**  
DN 15-25, PN16, -20/120 °C  
For modulating control  
EQM

## Control valves 2xx: 2-way, 3xx: 3-way valve

**TA-MC15**  
24V AC/DC modulating / 3-point, 230V AC 3-point

**CV 216/316 MZ**  
DN 15-25, PN16, 0-120 °C  
2xx: EQM  
3xx: A-AB EQM, B-AB LIN

**BR12WT**  
DN 25-200, PN 6/16, -10/110 °C

**TA-6-WAY VALVE**  
DN 15-20 for change-over systems

**CV 206/216/306/316 GG**  
DN 15-200, PN6/16, -10/150 °C  
2xx: EQM  
3xx: A-AB EQM, B-AB LIN

**CV 216/316 RGA**  
DN 15-50, PN16, -15/150 °C  
2xx: EQM  
3xx: A-AB EQM, B-AB LIN

**CV 225/325, 240/340 S/E**  
DN 15-300, PN16/25/40 0/180 °C  
2xx: EQM  
3xx: A-AB EQM, B-AB LIN

**TA-SLIDER 160**  
KNX version  
KNX R24 I/O version

**TA-SLIDER 160**  
CO version  
Plus version

**TA-SLIDER 160**  
Fail-Safe I/O  
Fail-Safe R24

**TA-SLIDER 160**  
With BUS communication  
BACnet

**TA-SLIDER 160**  
Plus version  
with BUS communication  
BACnet

**TA-SLIDER 750**  
Std version  
Fail-Safe  
Plus/24V or HV

**TA-SLIDER 750**  
Plus with BUS communication  
BACnet

**TA-SLIDER 750**  
Plus (with relay)  
with or without BUS communication  
BACnet

**TA-SLIDER 1250**  
Std version  
Fail-Safe  
Plus/24V or HV

**TA-SLIDER 1250**  
Plus with BUS communication  
BACnet

**TA-SLIDER 1250**  
Plus (with relay)  
with or without BUS communication  
BACnet

**TA-SLIDER 500**  
Std version  
I/O version

**TA-SLIDER 500**  
Fail-Safe I/O  
Fail-Safe R24

**TA-SLIDER 500**  
with BUS communication  
BACnet

**TA-SLIDER 500**  
Plus version

**TA-MC253 SE**  
with fail-safe function  
Actuator's stem extended on power failure.

**TA-MC160  
TA-MC250  
TA-MC400  
TA-MC500  
TA-MC1000**  
24 VAC/VDC modulating/3-point  
230 VAC 3-point

**TA-MC100 FSE/FSR**  
with fail-safe function  
FSE: Stem extended on power failure  
FSR: Stem retracted on power failure  
24 VAC modulating/3-point  
230 VAC 3-point

## Balancing valves

**TBV**  
DN 15-20, PN16, -20/120 °C

**STAD**  
DN 10-50, PN25, -20/120 °C  
with/without draining

**STAD-B**  
DN 10-50, PN25, -20/120 °C  
with draining

**STAD-D**  
DN 10-50, PN25, -20/120 °C  
with draining

**STAD-R**  
DN 15-25, PN25, -20/120 °C  
reduced Kv, with draining

**STAD-C**  
DN 10-50, PN20, -20/150 °C

**STAF, STAF-SG**  
STAF DN 65-150, PN16, -10/120 °C  
STAF-SG DN 20-400, PN16/25, -10/120 °C

**STAF-R**  
DN 65-150, PN16, -20/120 °C

**STAG**  
DN 65-300, Class 150, -10/120 °C  
grooved system

**TA-BVS 240/243**  
DN 15-250, PN16/25/40, -30/200 °C

**TA-BVS 140/143**  
DN 15-300, 400, PN16/25/40, -30/200 °C

## Differential pressure controllers

**STAP**  
DN 15-50, PN16, -20/120 °C  
DpL range: 5-80 kPa  
DN 65-100, PN16, -10/120 °C  
DpL range: 20-160 kPa

**TA-COMPACT-DP**  
DN 10-25, PN16, -20/120 °C  
with control valve

**TA-PILOT-R**  
DN 65-200, PN16/25, -10/120/150 °C  
Dp range: 10-400 kPa

**DA 516, DAF 516**  
DA 516: for installation in return pipe  
DN 15-50, PN25, -10/120/150 °C  
Dp range: 5-150 kPa  
DAF 516: for installation in supply pipe  
DN 15-125, PN16/25, -10/150 °C  
Dp range: 5-150 kPa

## Differential pressure relief valves

**BPV**  
DN 15-32, PN20, -20/120 °C  
Dp range: 10-60 kPa  
with shut-off

**HYDROLUX**  
DN 20-32, PN16, -10/120 °C  
Dp range: 5-50 kPa, 30-180 kPa

**PM 512**  
DN 15-125, PN 25, 16, -10/100 °C  
Dp range:

## Double regulating valves

**STK**  
DN 15-20, PN16, -10/120 °C  
direct Kv setting

**STA**  
DN 15-50, PN25, -20/120 °C  
with draining

## Fixed orifices

**MDFO**  
DN 20-900, PN16/25/40, -20/120 °C

**MD01**  
DN 15-50, PN 20, -20/120 °C

**STAV**  
DN 15-50, PN 20, -20/120 °C

## Balancing instruments

**TA-SCOPE**  
Tough, effective balancing instrument for measuring and documenting of differential pressure, flow, temperature and power in hydronic systems

## Software for PC:

**HYSELECT**  
designing of valves, actuators, pipes and accessories  
units conversion  
HVAC systems calculations  
communication with TA-SCOPE

**HECOS**  
designing of waterborne heating and cooling systems  
calculate all parts of hydronic loops  
Interactive communication between drawing and result sheets

## IMI HyTune - app for TA-Slider

Available on the **App Store**

GET IT ON **Google play**

## IMI HyTools - mobile app

Available on the **App Store**

GET IT ON **Google play**

Control& Actuators

Balancing

Tools