**Turbo-Lux®**

**Information in advance for the planning company**

The following tender text should serve as an aid in the preparation of tender specifications.

We ask you to clearly mark your selected options and to delete the options you do not want.

CAD data (dwg, stp format) of the devices are available at:

https://www.mecon.de/en/orifice-flow-meters/turbo-lux/#tabs1-3

**Orifice plate flowmeter for installation between flanges DN 80 … DN 250 used to measure the volume of water in closed conduits VdS approved.**

The orifice plate flowmeter consists of an orifice plate for stationary installation and a portable bypass meter (any installation position and flow direction) – optional with calibration certificate.

**Version**

Standard version for inlet path 10 x D and outflow zone 5 x D.

**Approvals**

VdS-Approval Class 2344; 2100-29

**Application conditions**

Temperature limit: 4 °C … 50 °C  
 (39 °F … 122 °F)

Pressure limit: max. 12 bar

**Bypass meter** (display part) **Order code**

without calibration certificate 7ME5830-0AB00-0AA0

with calibration certificate 7ME5830-0AB00-1AA0

**Orifice plate**

DN 80 … DN 250 for installation between flanges

**Nominal size Flow range Order code**

DN 80 (3“) Qv: 0,42 … 2,1 m3/min 7ME5834-1AB00-0AA0

DN 100 (4“) Qv: 0,60 … 3,0 m3/min 7ME5834-2AB00-0AA0

DN 150 (6“) Qv: 1,20 … 6,0 m3/min 7ME5834-3AB00-0AA0

DN 200 (8“) Qv: 2,40 … 12,0 m3/min 7ME5834-4AB00-0AA0

DN 250 (10“) Qv: 3,60 … 18,0 m3/min 7ME5834-5AB00-0AA0

**Centering assembly** (for installation between flanges - optional)

**Nominal size Order code**

DN 80 (3”) 7ME5834-0BA00-0AA0

DN 100 (4”) 7ME5834-0CA00-0AA0

DN 150 (6”) 7ME5834-0EA00-0AA0

DN 200 (8”) - 10 PN 7ME5834-0FA00-0AA0

DN 200 (8”) - 16 PN 7ME5834-0KA00-0AA0

DN 250 (10”) 7ME5834-0GA00-0AA0

**Case for storage** (bypass meter - optional)

Order code: 7ME5830-0AA10-0AA0

Brand: MECON GmbH - or equivalent

Typ: Turbo-Lux®

CAD data of the devices are available!

Point of contact - customer service: +49 (0)2237 60006-0, info@mecon.de