

Product overview (ATEX)



Device for use in explosive areas

- For instruments without EC type-examination, the conformity assessment procedure was carried out by the manufacturer.

Differential pressure

Products Designation



DA01

Differential pressure measuring unit

with diaphragm measuring cell
pressure stages PN250/PN400

Zone 1

ATEX gases and vapours range

Zone 2

II 2G Ex h IIC T4 Gb

Zone 21

ATEX dusts range

Zone 22

II 2D Ex h IIC T95°C Db



DA03

Differential pressure measuring unit

with diaphragm measuring cell
pressure stages PN40/PN100/PN

Zone 1

ATEX gases and vapours range

Zone 2

II 2G Ex h IIC T4 Gb

Zone 21

ATEX dusts range

Zone 22

II 2D Ex h IIC T95°C Db



DA09

Differential pressure measuring device

with diaphragm measuring cell
pressure stage PN25

Zone 1

ATEX gases and vapours range

Zone 2

II 2G Ex h IIC T4 Gb

Zone 21

ATEX dusts range

Zone 22

II 2D Ex h IIC T95°C Db



DS21

Differential pressure measuring and switching device

with diaphragm measuring cell
pressure stage PN25

Zone 1

ATEX gases and vapours range

Zone 2

II 2G Ex ib c IIC T6 Gb

Zone 21

ATEX dusts range

Zone 22

II 2D Ex tb c IIC T70 °C Db

EC-type examination certificate
(TÜV 06 ATEX 2964)

Products Designation



DE49_0 **Digital differential pressure transmitter**
with piezoresistive sensor element

(Zone 0) ATEX gases and vapours range
Zone 1 Ⓔ II 1/2G Ex ia IIC T4 Ga/Gb
Zone 2

Zone 21 ATEX dusts range
Zone 22 Ⓔ II 2D Ex ia IIIC T80°C Db
-10°C ≤ T_{amb} ≤ 60°C

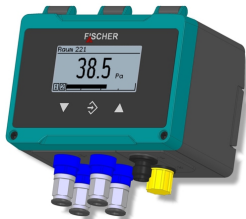
EC-type examination certificate
(IBExU09ATEX1164)



DE90 **Digital differential pressure transmitter**
PRO-LINE®
with piezoresistive sensor element

Zone 2 ATEX gases and vapours range
Ⓔ II 3G Ex ec IIC T4 Gc

Zone 22 ATEX dusts range
Ⓔ II 3D Ex tc IIIB T125°C Dc



DE91 **Digital differential pressure transmitter**
PRO-LINE®
for very low pressure measurements

Zone 2 ATEX gases and vapours range
Ⓔ II 3G Ex ec IIC T4 Gc

Zone 22 ATEX dusts range
Ⓔ II 3D Ex tc IIIB T125°C Dc



DD90 **Digital differential pressure transmitter**
PRO-LINE®
with piezoresistive sensor element

Zone 2 ATEX gases and vapours range
Ⓔ II 3G Ex ec IIC T4 Gc

Zone 22 ATEX dusts range
Ⓔ II 3D Ex tc IIIB T125°C Dc

Pressure

Products Designation



MA15F	Diaphragm manometer
	with diaphragm measuring cell
Zone 1	ATEX gases and vapours range
Zone 2	Ex II 2G Ex h IIC T4 Gb
Zone 21	ATEX dusts range
Zone 22	Ex II 2D Ex h IIIC T95°C Db



ME14	Drucktransmitter
Zone 2	ATEX Bereich Gase und Dämpfe
	CE Ex II 3G Ex ec IIC T4 Gc
Zone 22	ATEX Bereich Stäube
	CE Ex II 3D Ex tc IIIB T125°C Dc
	-10°C ≤ T _{amb} ≤ 60°C



ME50	Programmable pressure transducer/switch
Zone 2	ATEX gases and vapours range
	Ex II 3G Ex ec IIC T4 Gc
	-20°C ≤ T _{amb} ≤ 60°C

Filling level

Products Designation



NK10	Level limiter
	with float switch
Zone 1	ATEX gases and vapours range
Zone 2	Ex II 2G Ex ib c IIC T6 Gb
Zone 21	ATEX dusts range
Zone 22	Ex II 2D Ex tb c IIIC T80 °C Db
	EC-type examination certificate (TÜV 07 ATEX 553596)

Temperature/humidity



Products Designation

FT90 Moisture and temperature measuring device
PRO-LINE®

Zone 2 ATEX gases and vapours range
⊕ II 3G Ex ec IIC T4 Gc

Zone 22 ATEX dusts range
⊕ II 3D Ex tc IIIB T125°C Dc