

COMPACT ORIFICE ORIFLOW D



MAIN CHARACTERISTICS

Product Type:	Differential pressure flow meter designed for volume or mass measurement based on DIN ISO 5167
Application:	for liquids, gas and steam
Measuring accuracy:	up to ±0.6 % of measured value
Ex-approval:	Zone 1
Process temperature:	-40°C up to +400°C
Process pressure:	up to 325 bar
Housing material:	Electronics: Aluminium, coated
Wetted parts:	stainless steel, Hastelloy, PVDF
Power supply:	24 VDC (2-wire technology)
Output / Display:	4-20 mA / HART®, pulse output acc. to NAMUR / LCD-Display
Process connection:	Sandwich-version DN 15 – 1000 Flange acc. DIN or ANSI
Special features:	low pressure loss, modular concept

MODEL-OVERVIEW

	Main Features					Options				Special Features
	Nominal size available (in DIN or ANSI)	Dimension Standard in mm	Nominal pressure available	Temperature Range	Material available	Valve Block	Steam angle horizontal	Steam angle vertical	Pressure Seals	
Model D	DN 15 - 150 / 1/2" - 4"	70	max. PN 63 Class 600	-20° - 170°C (-4° - 338°F)	1.4408	x		x		only cast version / with steam angle up to 280°C (536°F)
Model D	DN 200 - 1000 / 5" - 40"	40 - 60	max. PN 63 Class 600	-20° - 170°C (-4° - 338°F)	1.4571, 1.4404	x	x	x		with steam angle up to 280°C (536°F)
Model G	DN 4 - DN 15	150	max. PN 40	-20° - 170°C (-4° - 338°F)	1.4571	x	x	x		
Model I	DN 15 - 150 / 1/2" - 4"	25	PN 40 Class 600	-20° - 170°C (-4° - 338°F)	1.4571	x	x	x		
Model L	DN 6 - 150 / 1/2" - 6"		max. PN 325 Class 2500	-20° - 170°C (-4° - 338°F)	1.4571, 1.4404	x	x	x		with steam angle up to 280°C (536°F) / lens seal or ring joint
Model M	DN 6 - 125		max. PN 325	-20° - 400°C (-4° - 752°F)	1.4571				x	
Model N	DN 15 - 150 / 1/2" - 4"	40 - 60	max. PN 63 Class 600	-20° - 170°C (-4° - 338°F)	1.4571, 1.4404	x	x	x		
Model O	DN 15 - 200 / 1/2" - 6"	60	max. PN 160 Class 1500	-20° - 170°C (-4° - 338°F)	1.4571, 1.4404	x	x	x		with steam angle up to 280°C (536°F)
Model S	DN 150 - DN 1000 / 2" - 20"		max. PN 100 Class 900	-20° - 400°C (-4° - 752°F)	1.4571, 1.4404	x				first shut-off single or double welded version
Model T	DN 15 - DN 500	60	max. PN 40	-20° - 170°C (-4° - 338°F)	1.4571, 1.4404					temperature extension
Model U	DN 15 - 500 / 1" - 20"		max. PN 100 Class 900	-20° - 400°C (-4° - 752°F)	1.4571, 1.4404				x	
Model Z	DN 15 - 150 / 1/2" - 4"	25	PN 40 Class 600	-20° - 170°C (-4° - 338°F)	1.4571, 1.4404	x	x	x		
ORIKON	DN 15 -250	65	PN 100	-20° - 350°C (-4° - 662°F)	1.4571, 1.4404					

COMPATIBLE

- Differential pressure transmitters from renowned manufacturers
- Provision possible

Further information and product variants are available on request

