




# Lutz Flow Meter HDO 200

for non inflammable liquids and easily inflammable liquids

- ✓ Housing material metal
- ✓ For small and medium flow volumes up to 60 l/min
- ✓ **Non Ex-Version:**  
For neutrals liquids, many acids and alkalis mineral oil, paints and lacquers, etc.
- ✓ **Ex-Version:**   
For inflammable mineral oil products, easily flammable hydrocarbons and other chemicals in explosion hazardous area
- ✓ With thread connection



Technical data	Type HDO 200 Alu/LCP	Type HDO 200 SS/SS
Range of measurement: below 5 mPas above 5 mPas	4.5 l/min - 53 l/min 2 l/min - 60 l/min	4.5 l/min - 53 l/min 2 l/min - 60 l/min
Temperature	max. 80 °C (60 °C**)	max. 120 °C (60 °C**)
Viscosity max.	1.000 mPas	1.000 mPas
Operating pressure max.	16 bar	16 bar
Accuracy	below 5 mPas ± 2% of measured quantity above 5 mPas ± 0,5% of measured quantity	below 5 mPas ± 2 % of measured quantity above 5 mPas ± 0,5% of measured quantity
Reproducibility	± 0.03%	± 0.03%
Nominal width	DN 20	DN 20
Connections: thread/flange	G 3/4 IG	G 3/4 IG
LCD display	Touch-Screen 63x63 mm, 128x128 pixels, Display sub-total and total volume can be reset	
Menu language	DE, GB, ES, FR, IT, NL, PT, RU	
Materials:		
Housing	Aluminium	Stainless steel (1.4404)
Rotors	LCP	Stainless steel (1.4404)
Shaft	Stainless steel (1.4404)	Stainless steel (1.4404)
Seal	FPM (alt. FFPM, EPDM)*	FPM (alt. FFPM, EPDM)*
Protection class	IP 55	IP 55
Weight	2.2 kg	4.8 kg
<b>Order No.</b>	<b>Thread</b>	<b>Thread</b>
<b>up to 1.000 mPas</b>	<b>0231-105</b>	<b>0231-104</b>
Technical data	Type HDO 200 Alu/LCP Ex	Type HDO 200 SS/SS Ex
Type of protection: Operating unit Basic flow meter	II 2G Ex ib IIB T4 Gb*** II 2G Ex h IIB T4 Gb 	II 2G Ex ib IIB T4 Gb*** II 2G Ex h IIB T4 Gb 
<b>Order No.</b>	<b>Thread</b>	<b>Thread</b>
<b>up to 1.000 mPas</b>	<b>0231-107</b>	<b>0231-106</b>

Optional: \*Additional price seal FFPM Order No. 0230-315, Additional price seal EPDM Order No. 0230-321 \*\*in Ex-Version \*\*\* Protection class II 2G Ex ib IIC T4 Gb on request.

Recommended Accessories: Power supply unit NG10****	
Voltage	220-230 V
Frequency	50-60 Hz
<b>Order No.</b>	<b>0230-230</b>

\*\*\*\* Limited battery operation without power supply unit possible. Installation of power supply unit outside of the explosion hazard area required.