

Ordering information

Product structure

Input, software	
CD	Conductivity/resistivity measurement (conductive two-electrode sensor)
CS	Conductivity/resistivity measurement (conductive two-electrode sensor) with additional functions (Plus package)
ID	Conductivity measurement (inductive sensor)
IS	Conductivity measurement (inductive sensor) with additional functions (Plus package)
Power supply, approval	
A	24 V AC/DC; ATEX II (3)G (Ex nL) IIC (CLM253 only)
0	230 V AC
1	115 V AC
2	230 V AC; CSA Gen. Purp.
3	115 V AC; CSA Gen. Purp.
4	230 V AC; ATEX II 3G [Ex nL] IIC
5	100 V AC
6	24 V AC/DC; ATEX II 3G [Ex nL] IIC (CLM223 only)
7	24 V AC/DC; CSA Gen. Purp.
8	24 V AC/DC
Output	
0	1 x 20 mA, primary value
1	2 x 20 mA, primary value + secondary value
3	PROFIBUS PA
4	PROFIBUS DP
5	1 x 20 mA, primary value, HART
6	2 x 20 mA, primary value, HART + secondary value
Additional contacts	
05	not selected
10	2 relays (limit/P(ID)/timer)
15	4 relays (limit/P(ID)/Chemoclean) (not with PROFIBUS DP)
16	4 relays (limit/P(ID)/timer) (not with PROFIBUS DP)
20	1 x 4 ... 20 mA input + 2 relays (limit/P(ID)/timer)
25	1 x 4 ... 20 mA input + 4 relays (limit/P(ID)/Chemoclean) (not with PROFIBUS DP)
26	1 x 4 ... 20 mA input + 4 relays (limit/P(ID)/timer) (not with PROFIBUS DP)
Additional features (CLM223 only)	
PRL	Protective layer
Marking	
1	Tagging (Tag), see additional spec.
CLM253-	complete order code
CLM223-	

Additional functions of the Plus package

- Current output table to cover large ranges with varying resolution, fields O33x
- Process Check System (PCS): live check of the sensor, function group P
- Ultrapure water monitoring for "Water for injection" (WFI) and "Purified water" (PW) acc. to United States Pharmacopeia (USP) and European Pharmacopoeia (EP) with pre-alarm (conductive, additional contacts necessary), fields R26x and R27x
- Polarization detection (conductive), function group P
- Concentration measurement, function group K
- Temperature compensation via coefficient table, function group T
- Adaptive calibration with installation factor (inductive), fields C13x
- Automatic cleaning function start, field F8