

Ordering information

Product structure

		Input, software version	
EK		Chlorine/chlorine dioxide/total chlorine measurement, basic version	
ES		Chlorine/chlorine dioxide/total chlorine measurement, with additional functions (Plus package)	
EP		Chlorine/chlorine dioxide/total chlorine measurement, with additional functions (Plus package) with additional pH or ORP measurement (switchable)	
		Power supply; approval	
	0	230 V AC	
	1	115 V AC	
	2	230 V AC; CSA Gen. Purp.	
	3	115 V AC; CSA Gen. Purp.	
	5	100 V AC	
	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)	
		Marking	
	1	Tagging (Tag), see additional spec.	
CCM253-			
CCM223-			
			complete order code

Additional functions of the Plus package

Version ES

Compared to the basic EK version, this version is extended by the Plus package:

- Manual pH compensation for free chlorine, fields B2 and B3
- Current output table, fields O33x
- Sensor and process monitoring, function group P
- Automatic start of cleaning function, field F8.

Version EP

This version includes the functions of the ES version and in addition:

- Optional pH or ORP measurement, field B1
- Automatic pH compensation for free chlorine
- Sensor and process monitoring even for pH or ORP, fields P12x
- Limit contact for pH or ORP, fields R22x
- pH value control, fields R25x.

Scope of delivery

The delivery of the field instrument includes:

- 1 transmitter CCM253
- 1 plug-in screw terminal
- 1 cable gland Pg 7
- 1 cable gland Pg 16 reduced
- 2 cable glands Pg 13.5
- 1 Operating Instructions BA214C/07/EN
- versions with HART communication:
 - 1 Operating Instructions Field Communication with HART, BA208C/07/EN
- versions with PROFIBUS communication:
 - 1 Operating Instructions Field Communication with PROFIBUS PA/DP, BA209C/07/EN