Ordering number baelz 6490 / baelz 6590

```
Examples :  6490 / 0 – 2.4 – 230 – 00.0
            6590 / 3 – 2.2 – 115 – S7.1
```

baelz µCelsitron   / – – –

Type (see type - table)
6490   **6590**

Version (see type - table)
../0   3   ../4   ../ 5

Pt 100 - measuring range
| 0...300°C | **2.4** | -30...+60°C | **2.20** |
| 0...400°C | **2.2** | -50...+250°C | **2.50** |

Mains - voltage
230 V AC   **115** V AC   **24** V AC

special model
none **00.0**
2 measuring inputs 0/4 ... 20 mA (no input 10 V) **S7.1**
2 measuring inputs 0/2 ... 10 V (no input 20 mA) **S8.1**
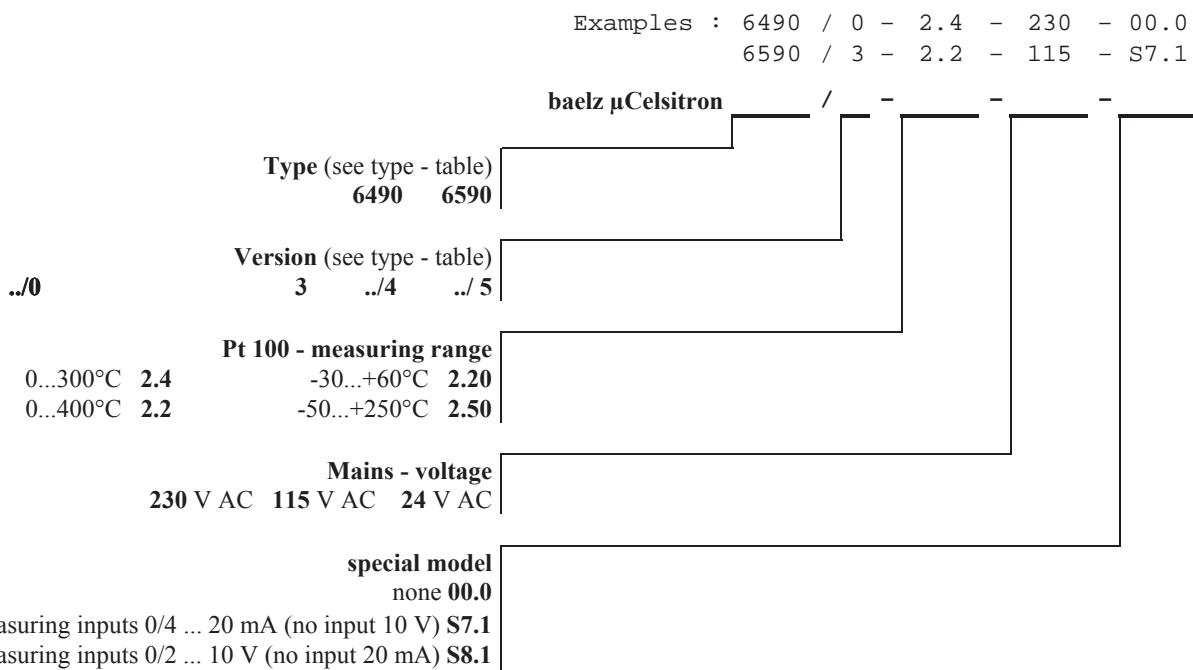
Type / version 6490.. and 6590.. Equipment:	../0	../1	../2	../3	../4	../5
PI(D) - three - position step -output	✓	✓	✓	✓	✓	✓
Alarm relay 1	✓	✓	✓	✓	✓	✓
1 measuring input Pt100	✓	✓	✓	✓	✓	✓
1 measuring input 0 / 4 ... 20 mA		✓	✓	✓	✓	✓
1 measuring input 0 / 2 ... 10V		✓	✓	✓	✓	✓
Measuring transducer feed voltage 24 V DC		✓	✓	✓	✓	✓
1 digital input (external setpoint)		✓				✓
4 digital inputs (open, close, stop, setpoint 2)				✓	✓	
5 digital inputs (open, close, stop, ext. setpoint, setpoint 2)			✓			
1 Pt100 - process variable output 0...+10V			✓		✓	✓
1 Interface RS485 (MODBUS RTU)				✓	✓	
Alarm relay 2				✓	✓	✓

Equipment overview Type / Version baelz 6490 ... / 6590 ...					
Equipment	**.../0**	**.../2**	**.../3**	**.../4**	**.../5**
PI (D) - three-point step output	✓	✓	✓	✓	✓
Alarm relay 1	✓	✓	✓	✓	✓
1 measuring input Pt100	✓	✓	✓	✓	✓
1 measuring input 0/4 ... 20 mA		✓	✓	✓	✓
1 measuring input 0/2 ... 10 V		✓	✓	✓	✓
Integrated transmitter supply voltage 24 V DC		✓	✓	✓	✓
1 digital input (external setpoint)					✓
4 digital inputs (open, close, stop, setpoint 2)			✓	✓	
5 digital inputs (open, close, stop, ext. setpoint, setpoint 2)		✓			
1 Pt100 actual value output 0...10 V		✓		✓	✓
1 bus interface RS 485 (Modbus RTU)			✓	✓	
Alarm relay 2			✓	✓	✓