

9.5 Data records for I/O communication

The data exchange via the I/O area takes place by means of parameters, commands, and process values, which each possess their own data record number (mini data records - one parameter - one data record). Here only a limited selection of data is available as per the following table. Where channel-specific, the listed mini data records exist separately for each channel.

DR number	Meaning	Unit	Format	Default	Channel-specific	Access	Explanation
57	Commands	-	INT	0	y	w*	see DR11, 12 Commands
58	Scale number	-	CHAR	0	n	r/w	see DR5 Scale number
59	Port parameters	-	8 x BIT	0	n	r/w	see DR5 Port parameters
60	Adjustment digits0	Digits	WORD	0	y	r/w	see DR3, 4
61	Adjustment digits1	Digits	WORD	0	y	r/w	see DR3, 4
62	Adjustment weight	Weight	INT	10000	y	r/w	see DR3, 4
63	LED assignment	Code	2 x Byte	101,102	n	r/w	see DR5 LED assignment low byte K1; high byte K2
64	Zero set value	Digits	WORD	0	y	r/w	see DR3, 4
65	Char. value LC / Filter setting / Setting data	-	16x BOOL	0x0041	y	r/w	see DR3, 4
66	Limit value1 ON	Weight	INT	10000	y	r/w	see DR21, 22
67	Limit value1 OFF	Weight	INT	9990	y	r/w	see DR21, 22
68	Limit value2 ON	Weight	INT	1000	y	r/w	see DR21, 22
69	Limit value2 OFF	Weight	INT	1010	y	r/w	see DR21, 22
70	Default value1 for remote display	-	INT	0	n	r/w	see DR6
71	Default value2 for remote display	-	INT	0	n	r/w	see DR6
72	Display type	-	WORD	0	n	r/w	see DR5 (only low byte used)
73	Curr. digit value	Digits	WORD	-	y	r	see DR31, 32 0....65535
74	Gross	Weight	INT	-	y	r	see DR21, 22 -32768..... +32767
75	Asynchronous errors	-	16 x BOOL	-	y	r	see DR21, 22
76	Synchronous errors	-	16 x BOOL	-	y	r	see DR21, 22
77	Version	-	WORD	-	n	r	see DR40
78	Checksum	-	UINT	-	n	r	see DR40
79	Component type	-	2 x BYTE	-	n	r	low byte: reserved high byte: number of channels;

* r=read, w=write

Table 9-4 Data records for I/O communication

Note: In the case of channel-independent data records, where there is a two-channel component data can be transferred for the first or second channel. If values are transferred for both channels simultaneously (different), the value for Channel 2 overwrites that of Channel 1.