Electronic Data Interchange (EDI) for Miele suppliers

VDA recommendation 4908
Data transfer of credit notes

Description of procedures. Version 3, May 1996.

Use:
The credit note procedure ensures that the customer evaluates the delivery of materials with agreed prices automatically after receipt and creates a credit note for the supplier.
The customer automatically allocates evaluated deliveries with settlement dates. A specific credit note is written for each settlement date.
Each credit note has a running serial number which will later be given with the settlement advice for the appropriate settlement date.
The data transfer is to be recorded by the customer (data creator) in accordance with legal requirements.

Objectives:
– Rapid transmission of credit note data.
– Automatic correlation and comparison of open items.
– No repeated data acquisition by the recipient of credit note data.
– Processing of regularly occurring data via standardised interfaces.
– Fault reduction.
– Immediate further processing of data for the supplier's accounts receivable handling.
–

Basic principles:
Standardised data structures, data elements, field lengths, field types and keys/codes are introduced that are used as obligatory fixed interfaces and at the same time serve as a basis for programming between the data transfer partners.
For the data transfer of credit note data, standardised international keys are used, as far as these have been fixed, which may be modified to the user's own keys depending on individual requirements.

Data types used:

VDA data	Contents	Obligatory/Optional
821	Purpose of credit note data	Obligatory
822	Unique data element of credit note	Obligatory
823	Unique data element of delivery note/document	Obligatory
824	Individual item data of delivery note/document	Obligatory
825	Individual item-related surcharges/discounts	Not used by Miele
827	National requirements	Not used by Miele
828	Additional currency details	Not used by Miele
829	Subsequent credit note data	Obligatory

These abbreviations are used in the following:

K = Optional   **M** = Obligatory
A = Alphanumerical   **N** = Numerical
Description of a VDA-4908 report:
Only the data records used by Miele are described.

VDA documentation

(1) Structure description for VDA 4908 **Data type 821**, obligatory, data record length 128.
Purpose of credit note data, version 03

Item	Data element	M/K	Byte	A/N	From - To	Description
01	Data type	M	3	N	1-3	Constantly completed with '821'
02	Version no.	M	2	N	4-5	Current version of SA 821 Constantly completed with '03'
03	Customer no.	M	9	A	6-14	Identification number allocated to the customer by the supplier (left-justified)
04	Supplier no.	M	9	A	15-23	Identification number allocated to the supplier by the customer (left-justified)
05	Transfer no. - OLD	M	5	N	24-28	Right-justified entry with leading zeros, no decimal places Used to check the completeness of transfers
06	Transfer no. - NEW	M	5	N	29-33	Right-justified entry with leading zeros, no decimal places Used to check the completeness of transfers
07	Transfer date	M	6	N	34-39	Format 'YYMMDD' (current date)
08	Sales tax identification no. Recipient of goods	K	20	A	40-59	Not used by Miele
09	Sales tax identification no. Supplier of goods	K	20	A	60-79	Not used by Miele
10	Company registration no.	K	25	A	80-104	Not used by Miele
11	Empty	M	24	A	105-128	Completed with blanks

VDA documentation

(2) Structure description for VDA 4908 **Data type 822**, obligatory, data record length 128.
Unique data elements of credit notes, version 03

Item	Data element	M/K	Byte	A/N	From - To	Description
01	Data type	M	3	N	1-3	Constantly completed with '822'
02	Version no.	M	2	N	4-5	Current version of SA 822 Constantly completed with '03'
03	Credit note no.	M	8	A	6-13	Not used by Miele
04	Credit note date	M	6	N	14-19	Format 'YYMMDD' (posting date of ERS slips)
05	Settlement date	M	6	N	20-25	Format 'YYMMDD' (date settlement is due)
06	Surcharges/Discounts	K	13 (11,2)	N	26-38	Not used by Miele
07	Prefix key	M	1	N	39	Constantly completed with '1' (positive)
08	Sum of discounts	M	13 (11,2)	N	40-52	Sum of all discounts for delivery notes. Right-justified with leading zeros and 2 decimal places.
09	Sum of sales tax	M	13 (11,2)	N	53-65	Sum of all sales tax amounts for delivery notes. Right-justified with leading zeros and 2 decimal places.
10	Sum of credit notes - Final figure (not discounted)	M	13 (11,2)	N	66-78	Sum of total prices of all delivery note items as well as associated sales tax. Right-justified with leading zeros and 2 decimal places.
11	Prefix key	M	1	N	79	Constantly completed with '1' (positive)
12	Currency	M	3	A	80-82	Currency abbreviation
13	Delivery designation	K	14	A	83-96	Not used by Miele
14	Credit note key	M	1	N	97	Constantly completed with '0'
15	Country key	K	2	A	98-99	Not used by Miele
16	Creditor posting no.	K	8	N	100-107	Not used by Miele
17	Empty	M	21	A	108-128	Completed with blanks

VDA documentation

(3) Structure description for VDA 4908 **Data type 823**, obligatory, data record length 128.
Unique data elements of delivery note/document, version 03

Item	Data element	M/K	Byte	A/N	From - To	Description
01	Data type	M	3	N	1-3	Constantly completed with '823'
02	Version no.	M	2	N	4-5	Current version of SA 823 Constantly completed with '03'
03	Delivery note no.	M	8	A	6-13	Identification number that allocates a delivery note to a supplier
04	Factory customer	M	3	A	14-16	Not used by Miele
05	Shipping date	M	6	N	17-22	Format 'YYMMDD' (posting date of goods receipt)
06	Sum of surcharges/discounts	K	13 (11,2)	N	23-35	Not used by Miele
07	Prefix key	M	1	N	36	Constantly completed with '1' (positive)
08	Discount amount	M	13 (11,2)	N	37-49	Sum of all discounts for delivery note. Right-justified with leading zeros and 2 decimal places.
09	Sales tax amount	M	13 (11,2)	N	50-62	Sum of all sales tax amounts for delivery note. Right-justified with leading zeros and 2 decimal places.
10	Delivery note – Final figure (not discounted)	M	13 (11,2)	N	63-75	Sum of total prices of all delivery note items as well as associated sales tax. Right-justified with leading zeros and 2 decimal places.
11	Prefix key	M	1	N	76	Constantly completed with '1' (positive)
12	Closing order no.	K	12	A	77-88	Not used by Miele
13	Place of unloading	K	5	A	89-93	Not used by Miele
14	Posting delivery no.	K	8	A	94-101	Not used by Miele
15	Incoming goods date	K	6	N	102-107	Format 'YYMMDD' (date of credit advice)
16	Contact person Customer	K	15	A	108-122	Responsible person from Accounts Dept.
17	Empty	M	6	A	123-128	Completed with blanks

VDA documentation

(4) Structure description for VDA 4908 **Data type 824**, obligatory, data record length 128.
Item data of delivery note/document, version 03

Item	Data element	M/K	Byte	A/N	From - To	Description
01	Data type	M	3	N	1-3	Constantly completed with '824'
02	Version no.	M	2	N	4-5	Current version of SA 824 Constantly completed with '03'
03	Action key	M	2	N	6-7	Posting key; 2 digit, numerical 01 = Incoming goods 02 = Incoming goods correction
04	Case no. - Customer	M	22	A	8-29	Identification number that allocates a customer to an article
05	Delivered quantity	M	13 (10,3)	N	30-42	Delivered quantity according to delivery note
06	Unit of quantity	M	3	A	43-45	Unit of quantity, DIN 16559/ISO 7372, e.g. PCE = Piece KGM = Kilogram MTR = Metre LTR = Litre NPR = Pair
07	Price unit	M	2	N	46-47	Price unit 01 = Each 1 unit 02 = Each 100 units 03 = Each 1000 units 99 = Each given quantity
08	Unit price	M	13 (11,2)	N	48-60	Net price without sales tax. Right-justified with leading zeros and 2 decimal places.
09	Total price including surcharges/discounts	M	13 (11,2)	N	61-73	Product of delivered quantity and unit price without sales tax. Right-justified with leading zeros and 2 decimal places.
10	Prefix key	M	1	N	74	The prefix depends on the total price field contents: 1 = Positive 2 = Negative
11	Discount percentage rate	K	3 (1,2)	N	75-77	The agreed discount percentage rate with 2 decimal places
12	Discount amount	K	13 (11,2)	N	78-90	Product of total price and discount percentage rate divided by 100 Right-justified with leading zeros and 2 decimal places.
13	Sales tax rate	M	4 (2,2)	N	91-94	Right-justified with leading zeros and 2 decimal places.
14	Sales tax amount (not discounted)	M	13 (11,2)	N	95-107	Product of total price and sales tax rate divided by 100 Right-justified with leading zeros and 2 decimal places.
15	Test report no. - Customer (Miele order no.)	K(M)	14	A	108-121	Miele order no.
16	Empty	M	5	A	122-126	Miele order item no.
17	Empty	M	2	A	127-128	Vacant

(6) Structure description for VDA 4908 **Data type 829**, obligatory, data record length 128.
Subsequent credit note data, version 03

Item	Data element	M/K	Byte	A/N	From - To	Description
01	Data type	M	3	N	1-3	Constantly completed with '829'
02	Version no.	M	2	N	4-5	Current version of SA 829 Constantly completed with '03'
03	Counter SAA 821	M	7	N	6-12	Number of transferred data records with data type '821' Right justified with leading zeros
04	Counter SAA 822	M	7	N	13-19	Number of transferred data records with data type '822' Right justified with leading zeros
05	Counter SAA 823	M	7	N	20-26	Number of transferred data records with data type '823' Right justified with leading zeros
06	Counter SAA 824	M	7	N	27-33	Number of transferred data records with data type '824' Right justified with leading zeros
07	Counter SAA 825	M	7	N	34-40	Not used by Miele
08	Counter SAA 826	M	7	N	41-47	Not used by Miele
09	Counter SAA 827	M	7	N	48-54	Not used by Miele
10	Counter SAA 829	M	7	N	55-61	Number of transferred data records with data type '829' Right justified with leading zeros
11	Counter SAA 828	M	7	N	62-68	Not used by Miele
12	Total Sales tax amount	M	13 (11,2)	N	69-81	Sum of all sales tax amounts from data type '822' Number of transferred data records with data type '821' Right-justified with leading zeros and 2 decimal places.
13	Sum of payment final figures (not discounted)	M	13 (11,2)	N	82-94	Sum of all delivery note final figures including sales tax
14	Prefix key	M	1	N	95	The prefix depends on the sum of payment final figures field contents: 1 = Positive 2 = Negative
14	Payment method	K	1	N	96	Not used by Miele
15	Empty	M	32	A	97-128	Not used by Miele