



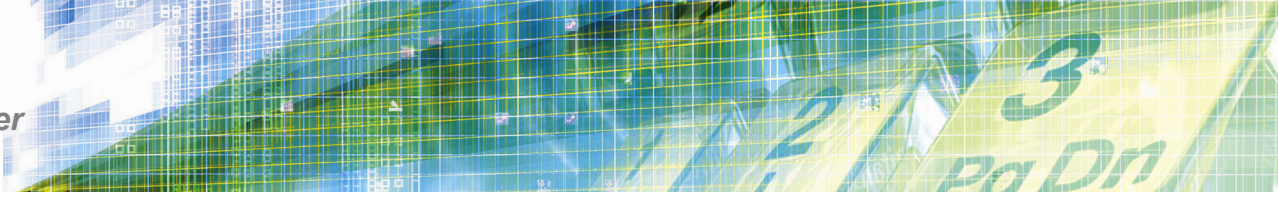
Fisher Scientific

Part of Thermo Fisher Scientific

EDI Specifications

850 - Purchase Order (Supplier v4010)





850

Purchase Order - Functional Group=PO

VER. 4010

FISHER SCIENTIFIC

This Standard contains the format and establishes the data contents of the Fisher Scientific Customer Purchase Order Transaction Set (850) for use within the context of an Electronic Data Interchange (EDI) environment. Please refer to the *EDI Services Guide* for additional information. All information contained herein is subject to change at the discretion of Fisher Scientific Company, L.L.C.

Heading:

<u>POS</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
010	ST	Transaction Set Header	M	1		
020	BEG	Beginning Segment for Purchase Order	M	1		
060	PER	Administrative Communications Contact	O	3		
080	FOB	F.O.B Related Instructions	O	>1		

LOOP ID - N9 1000

292	N9	Reference Identification	O	1		
300	MSG	Message Text	O	1000		

LOOP ID - N1

310	N1	Name	O	1		
320	N2	Additional Name Information	O	2		
330	N3	Address Information	O	2		
340	N4	Geographic Information	O	>1		
350	REF	Reference Identification	O	12		
369	PER	Administrative Communications Contact	O	>1		

Detail:

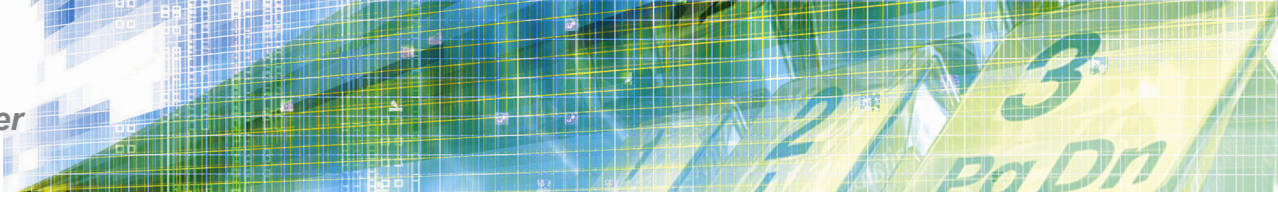
<u>POS</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
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LOOP ID - PO1 100000

010	PO1	Baseline Item Data	M	1		N2/010
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LOOP ID - PID 1000

050	PID	Product/Item Description	O	1		
070	PWK	Paperwork	O	25		
210	DTM	Date/Time Reference	O	10		



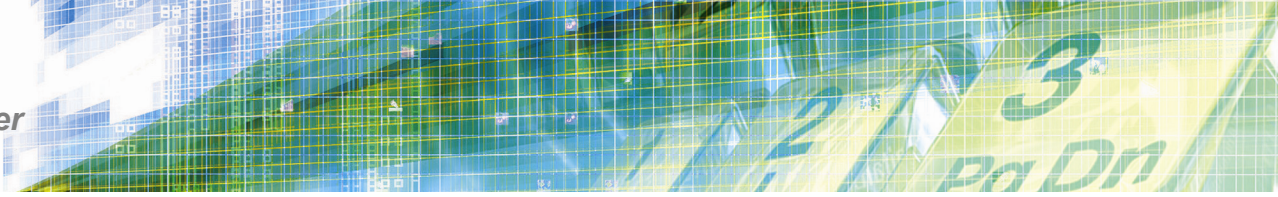
<u>POS</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - AMT						<u>>1</u>
600	AMT	Monetary Amount	O	1		

Summary:

<u>POS</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>
LOOP ID - CTT						<u>1</u>
010	CTT	Transaction Totals	O	1		N3/010
020	AMT	Monetary Amount	O	1		N3/020

Notes:

- 2/010 *PO102 is required.*
- 3/010 *The number of line items (CTT01) is the accumulation of the number of PO1 segments. If used, hash total (CTT02) is the sum of the value of quantities ordered (PO102) for each PO1 segment.*
- 3/020 *If AMT is used in the summary area, then AMT01 will = TT and AMT02 will indicate total transaction amount as calculated by the sender.*



ST Transaction Set Header

POS: 010 Max: 1
 Heading - Mandatory
 Loop: N/A Elements: 2

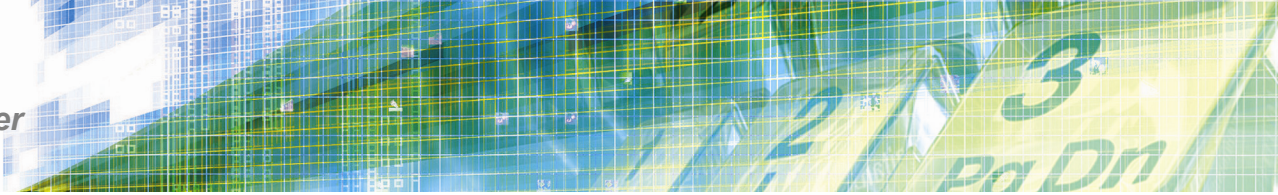
To indicate the start of a transaction set and to assign a control number.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
ST01	143	Transaction Set Identifier Code <u>Code</u> <u>Name</u> 850 Purchase Order	M	ID	3/3	
ST02	329	Transaction Set Control Number	M	AN	4/9	

Semantics:

1. The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).



BEG Beginning Segment for Purchase Order

POS: 020	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 4

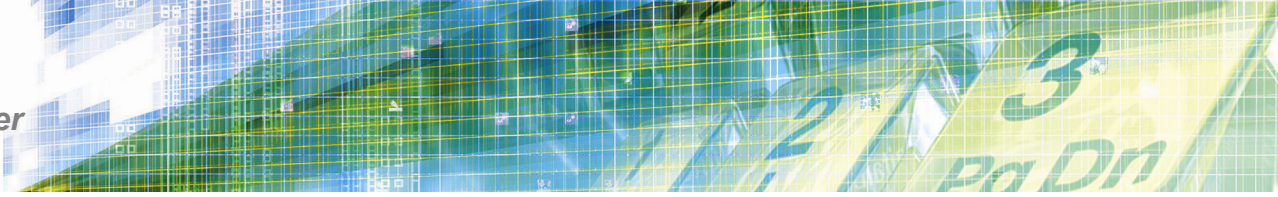
To indicate the beginning of the Purchase Order Transaction Set and transmit identifying numbers and dates.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
BEG01	353	Transaction Set Purpose Code <u>Code</u> <u>Name</u> 00 Original	M	ID	2/2	
BEG02	92	Transaction Set Control Number <u>Code</u> <u>Name</u> DS Drop Shipment SA Stand-alone Order	M	ID	2/2	
BEG03	324	Purchase Order Number	M	AN	1/22	
BEG05	373	Date	M	DT	8/8	

Semantics:

1. BEG05 is the date assigned by the purchaser to purchase order.



PER Administrative Communications Contact

POS: 060	Max: 3
Heading - Optional	
Loop: N/A	Elements: 4

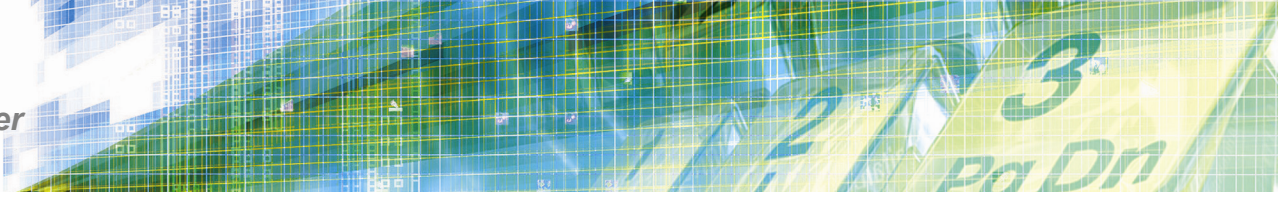
To identify a person or office to whom administrative communications should be directed.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PER01	366	Contact Function Code <u>Code</u> <u>Name</u> BD Buyer Name or Department	M	ID	2/2	
PER02	93	Name	O	AN	1/60	
PER03	365	Communication Number Qualifier <u>Code</u> <u>Name</u> TE Telephone	C	ID	2/2	
PER04	364	Communication Number	C	AN	1/80	

Syntax:

1. P0304 - If either PER03 or PER04 are present, then the others are required.



FOB F.O.B Related Instructions

POS: 080	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

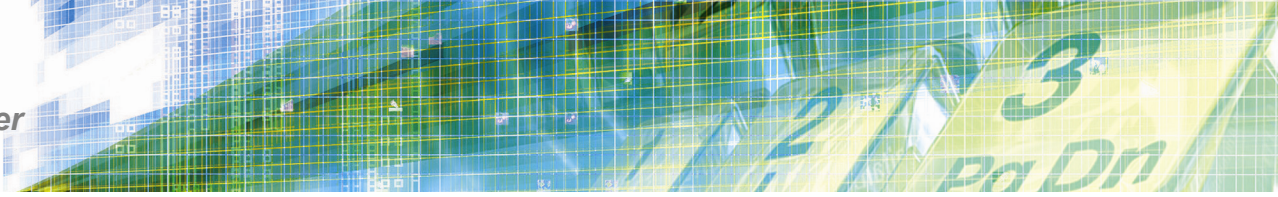
To specify transportation instructions relating to shipment..

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
FOB01	146	Shipment Method of Payment	M/Z	ID	2/2	
		<u>Code</u> <u>Name</u>				
		PO Prepaid Only				
		CC Collect				
		DF Defined by Buyer				
FOB02	309	Location Qualifier	X/Z	ID	1/2	
		<u>Code</u> <u>Name</u>				
		DE Destination				
		CI City				
FOB03	352	Description	O	AN	1/80	

Syntax:

1. C0302—If FOB03 is present, than FOB02 is required.



N9

Reference Identification

POS: 395	Max: 1
Heading - Optional	
Loop: N9	Elements: 2

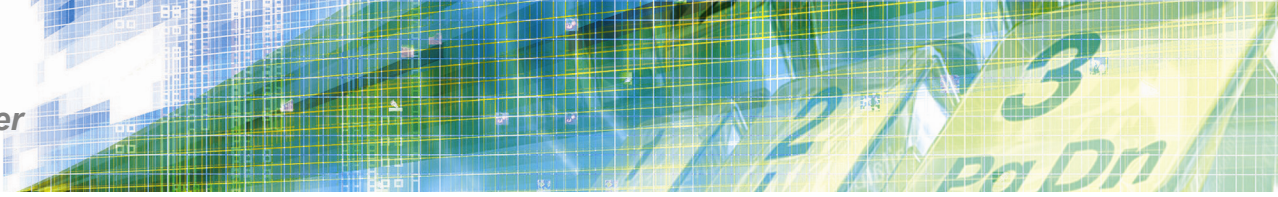
To transmit identifying information as specified by the Reference Identification Qualifier

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
N901	128	Reference Identification Qualifier <u>Code</u> <u>Name</u> L1 Letters or Notes	M	ID	2/3	
N902	127	Reference Identification	C	AN	1/30	

Syntax:

1. R0203 - At least one of N902 or N903 is required.



MSG Message Text

POS: 300	Max: 100
Heading - Optional	
Loop: N9	Elements: 1

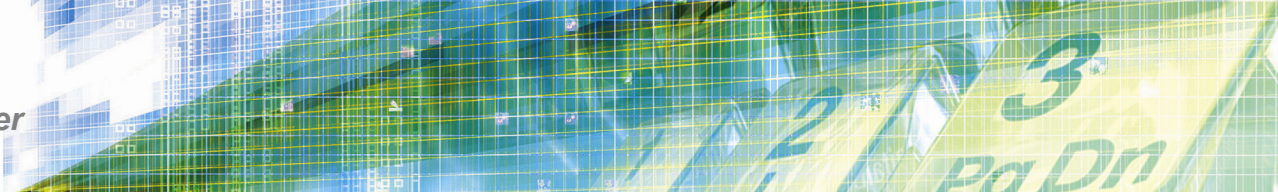
To specify transportation instructions relating to shipment.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
MSG01	93	Free Form Text	M	ID	1/264	N/93

Notes:

N/93 Please refer to EDI Services Guide for additional requirements.



N1

Name

POS: 310	Max: 1
Heading - Optional	
Loop: N1	Elements: 4

To identify a party by type of organization, name, and code.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
N101	98	Entity Identifier Code <u>Code</u> <u>Name</u> BT Bill-to-Party ST Ship To VN Vendor	M	ID	2/3	N/98
N102	93	Name	C	AN	1/60	
N103	66	Identifier Code Qualifier <u>Code</u> <u>Name</u> 92 Assigned by Buyer or Buyer's Agent	C	ID	1/2	
N104	67	Identification Code	C	AN	2/80	

Syntax:

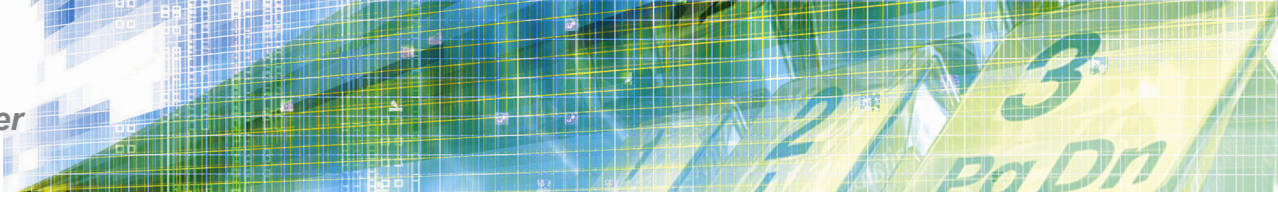
1. R0203 - At least one of N102 or N103 is required.
2. P0304 - If either N103 or N104 are present, then the others are required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.

Notes:

N/98 Please refer to EDI Services Guide for additional requirements.



N2

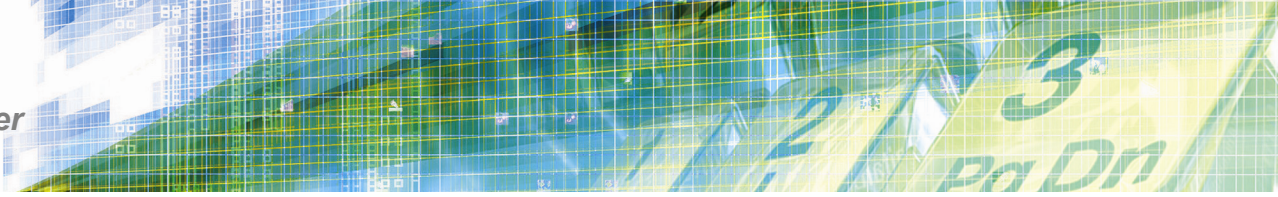
Additional Name Information

POS: 320	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

To specify additional names or those longer than 35 characters in length.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
N201	93	Name	M	AN	1/60	
N202	93	Name	C	AN	1/60	



N3

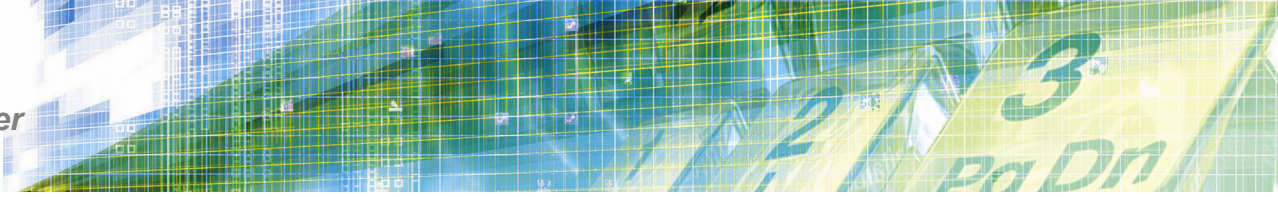
Address Information

POS: 330	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

To specify the location of the named party.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
N301	166	Address Information	M	AN	1/55	
N302	166	Address Information	O	AN	1/55	



N4

Geographic Location

POS: 340 Max: >1
 Heading - Optional
 Loop: N1 Elements: 3

To specify the geographic place of the named party.

Element Summary:

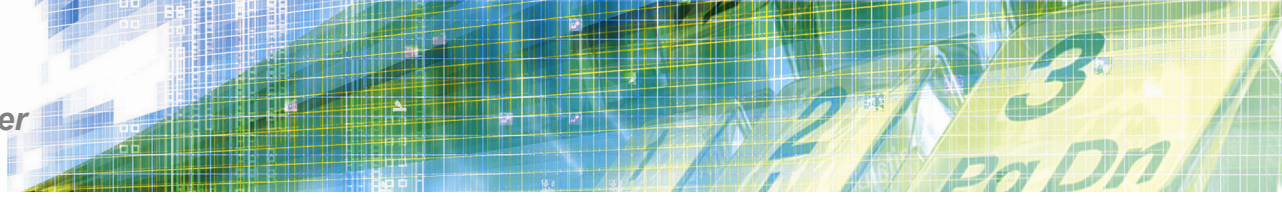
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
N402	19	City Name	O	AN	2/30	
N403	156	State or Province Code	O	ID	2/2	
N404	116	Postal Code	O	ID	3/15	

Syntax:

1. C0605—If N406 is present, than N405 is required.

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.



REF Reference Identification

POS: 350 Max: 12
 Heading - Optional
 Loop: N1 Elements: 2

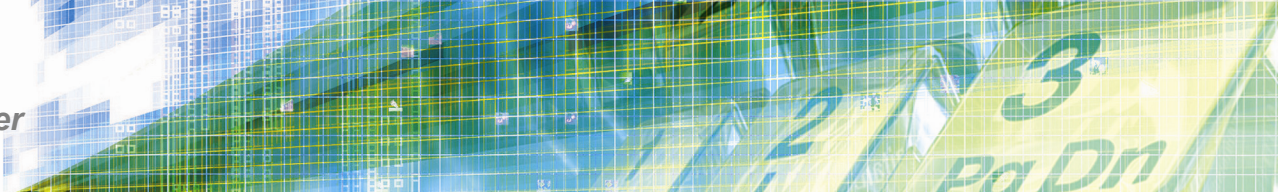
To specify identifying information.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>										
REF01	128	Reference Identification Qualifier	M	ID	2/3											
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>PO</td> <td>Purchase Order Number</td> </tr> <tr> <td>SL</td> <td>Sales/Territory Code</td> </tr> <tr> <td>CR</td> <td>Customer Reference Number</td> </tr> <tr> <td>SM</td> <td>Sales Office Number</td> </tr> </table>	<u>Code</u>	<u>Name</u>	PO	Purchase Order Number	SL	Sales/Territory Code	CR	Customer Reference Number	SM	Sales Office Number				
<u>Code</u>	<u>Name</u>															
PO	Purchase Order Number															
SL	Sales/Territory Code															
CR	Customer Reference Number															
SM	Sales Office Number															
REF02	127	Reference Identification	C	AN	1/30											

Syntax:

1. R0203 - At least one REF02 or REF03 is required.



PER Administrative Communications Contact

POS: 360	Max: >1
Heading - Optional	
Loop: N1	Elements: 2

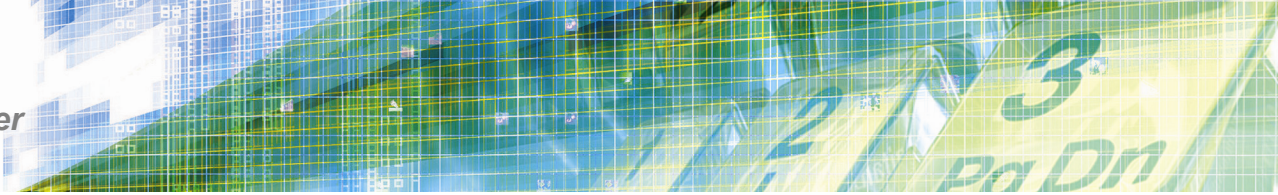
To identify a person or office to whom administrative communications should be directed.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PER01	366	Contact Function Code <u>Code</u> <u>Name</u> DI Delivery Instructions Contract	M	ID	2/2	
PER02	93	Name	O	AN	1/60	

Syntax:

1. R0304 - If either PERF03 or PERF04 are present, then the others are required.



PO1 Baseline Item Data

POS: 010	Max: 1
Heading - Mandatory	
Loop: PO1	Elements: 7

To specify basic and most frequently used line item data.

Element Summary:

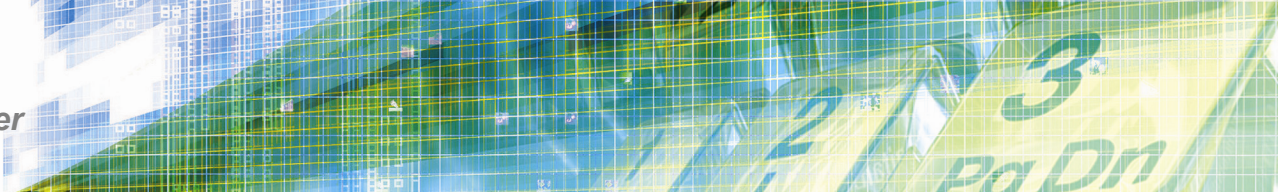
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PO101	350	Assigned Identification	O	AN	1/20	
PO102	330	Quantity Ordered	C	R	1/15	
PO103	355	Unit or Basis for Measurement Code	O	ID	2/2	
		<u>Code</u> <u>Name</u>				
		CA Case				
		EA Each				
		GR Gross				
		PC Piece				
		PK Pack (PAK)				
PO104	212	Unit Price	C	R	1/17	
PO105	639	Basis of Unit Price Code	O	ID	2/2	
		<u>Code</u> <u>Name</u>				
		LE Catalog Price per Each				
PO106	235	Product/Service ID Qualifier	C	ID	2/2	
		<u>Code</u> <u>Name</u>				
		VC Vendor's (Seller's) Catalog Number				
		CB Buyer's Catalog Number				
PO107	234	Product/Service ID	C	AN	1/48	

Syntax:

1. C0302 - If PO103 is present, than PO102 is required.
2. C0504 - If PO105 is present, than PO104 is required.
3. P0607 - If either PO106 or PO107 are present, then the others are required.
4. PO18 P0809 - If either PO108 or PO109 are present, then the others are required.

Comments:

1. See the Data Element Directory for a complete list of IDS.
2. PO101 is the item identification.
3. PO106 through PO125 provide for ten different product/service IDS per each item. For example: Case, Color, Drawing No., U.P.C. No., ISBN No., Model No., or SKU.



PID Product/Item Description

POS: 050	Max: 1
Heading - Optional	
Loop: PID	Elements: 4

To describe a product or process in coded or free-form format.

Element Summary:

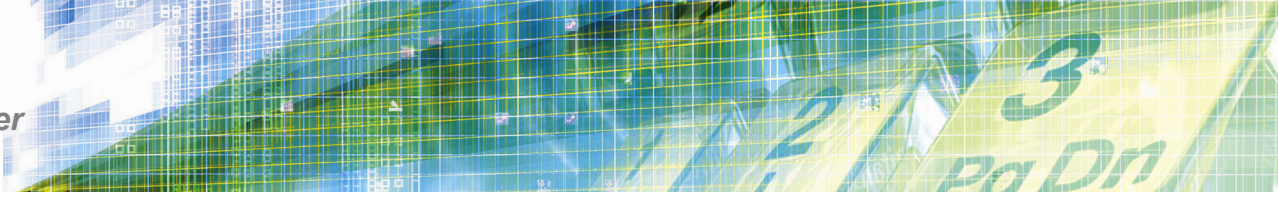
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PID01	349	Item Description Type <u>Code</u> <u>Name</u> F Free-form	M	ID	1/1	
PID02	750	Product/Process Characteristic Code <u>Code</u> <u>Name</u> 08 Product	O	ID	2/3	
PID03	559	Agency Qualifier Code <u>Code</u> <u>Name</u> ZZ Mutually Defined	C	ID	2/2	
PID05	352	Description	C	AN	1/80	

Syntax:

1. Use PID03 to indicate the organization that publishes the code list being referred to

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.



PWK Paperwork

POS: 090	Max: 25
Heading - Optional	
Loop: PO1	Elements: 2

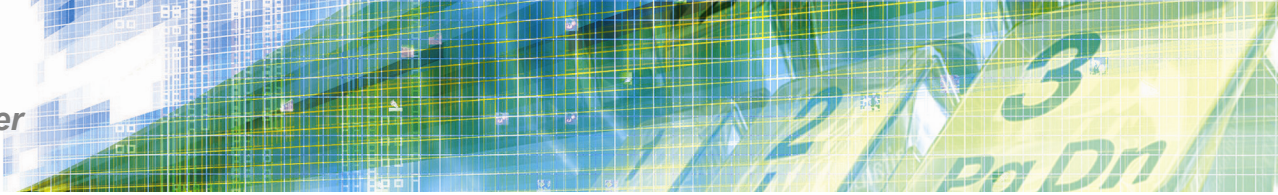
To identify the type of transmission or both of paperwork or supporting information.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
PWK01	755	Report Type Code	M	ID	2/2	
		Code Name				
		PJ Purchasing Specification				
PWK02	352	Description	O	AN	1/80	

Comments:

1. PWK07 may be used to indicate special information to be shown on the specified report.



DTM

Date/Time Reference

POS: 210	Max: 10
Heading - Optional	
Loop: PO1	Elements: 2

To specify pertinent dates and times.

Element Summary:

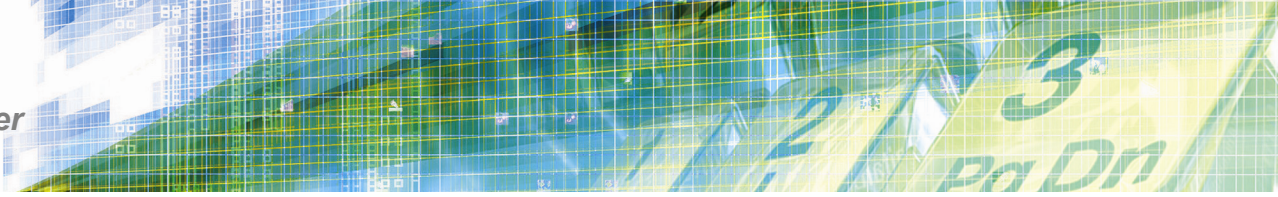
<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
DTM01	374	Date/Time Qualifier	M	ID	3/3	N/374
		<u>Code</u> <u>Name</u>				
		038 Ship No Later				
		367 Due to customer				
DTM02	373	Date	C	DT	8/8	

Syntax:

1. R020305—At least one DTM02, DTM03 or DTM05 is required

Notes:

N/374 Please refer to EDI Services Guide for additional requirements.



AMT Monetary Amount

POS: 600	Max: 1
Heading - Optional	
Loop: AMT	Elements: 2

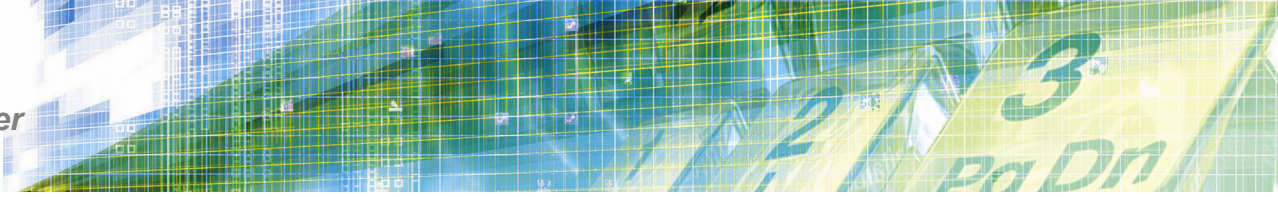
To indicate the total monetary amount.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
AMT01	522	Amount Qualifier Code <u>Code</u> <u>Name</u> 1 Line Item Total	M	ID	3/3	
AMT02	782	Monetary Amount	M	R	1/18	N/782

Notes:

N/782 Please refer to EDI Services Guide for additional requirements.



CTT Transaction Totals

POS: 010	Max: 1
Heading - Optional	
Loop: CTT	Elements: 1

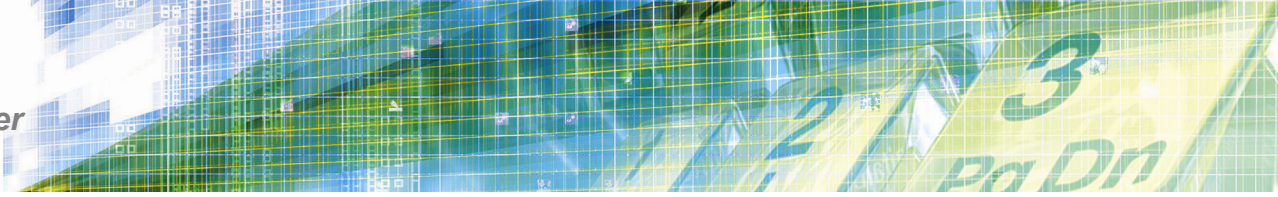
To transmit a has total for a specific element in the transaction set.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
CTT01	354	Number of Line Items	M	N0	1/6	

Comments:

1. This segment is intended to provide has totals to validate transaction completeness and correctness.



AMT Monetary Amount

POS: 020	Max: 1
Heading - Optional	
Loop: CTT	Elements: 2

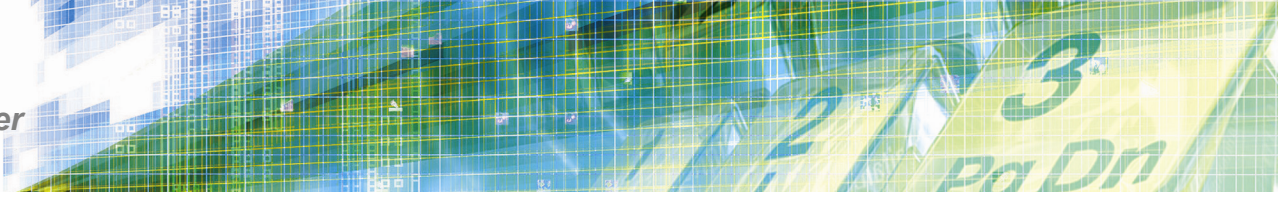
To indicate the total monetary amount.

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
AMT01	522	Amount Qualifier Code <u>Code</u> <u>Name</u> 2 Batch Total	M	ID	3/3	
AMT02	782	Monetary Amount	M	R	1/18	N/782

Notes:

N/782 Please refer to EDI Services Guide for additional requirements.



SE

Transaction Set Trailer

POS: 030	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

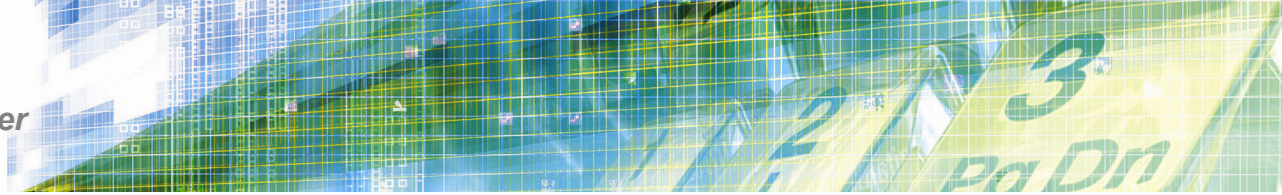
To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

Element Summary:

<u>Ref</u>	<u>ID</u>	<u>Segment Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Notes</u>
SE01	96	Number of Included Segments	M	N0	1/10	
SE02	329	Transaction Set Control Number	M	AN	4/9	

Comments:

1. SE is the last segment of each transaction set.



Sample 850 :

Below is a complete example of a Direct Ship and Warehouse Shipment 850 transmission:

Direct Ship

ISA*00* *00* *09*004321519VNDP *ZZ*7777777777
*070920*0940*U*00401*000008579*0*P*
GS*PO*004321519*7777777777*20070920*0940*8579*X*004010
ST*850*67768
BEG*00*DS*DR3474915**20070920
N9*L1*PO COMMENTS
MSG*IN YOUR SYSTEM AND ON YOUR INVOICE REFERENCE FISHER
MSG*PO#: DR3474915. ON PACKING SLIPS AND SHIPPING LABELS
MSG*REFER TO CUSTOMER PO#: 123456
MSG*CALLER: JANE DOE
MSG*IF DUE DATE CANNOT BE MET CONTACT ASAP:
MSG*FISHER SCIENTIFIC (412) 490-0000
N1*ST*SPECIAL LABS*92*004321519MWD
N3*123456*1000 PENNSYLVANIA AVE
N4*PITTSBURGH*PA*15222
REF*PO*123456
PO1*001*1*EA*20.50*LE*VC*7654321*CB*23194324
PID*F*08*ZZ**SODIUM BORATE, 40 G/L, 500 ML
DTM*038*20071011
AMT*1*20.50
CTT*1
AMT*2*20.50
SE*20*67768
GE*1*8579
IEA*1*000008579

Warehouse Shipment

ISA*00* *00* *09*004321519VNDP *ZZ*7777777777
*070920*0940*U*00401*000027568*0*P*^
GS*PO*004321519*7777777777*20070920*0940*27568*X*004010
ST*850*45265
BEG*00*SA*PR6039270**20070920
FOB*DF*DE
N1*ST*FISHER SCIENTIFIC COMPANY*92*004321519SED
N3*2775 HORIZON RIDGE COURT
N4*SUWANEE*GA*30024
PO1*001*2*CA*120.2*LE*VC*7890*CB*14241
PID*F*08*ZZ**PLT MICRFLR BLK FLAT
DTM*038*20070923
AMT*1*240.40
CTT*1
AMT*2*240.40
SE*13*45265
GE*1*27568
IEA*1*000027568