



Enhancing Outcomes for Patients and Their Caregivers.™

Electronic Data Interchange Implementation Guide

**850 Purchase Order
ANSI X12
Version 004010**

Hill- Rom EDI Trading Partner Information

Hill-Rom EDI Contact: Judy Murrell
Phone Number: 812-934-1372
Email Address: judy.murrell@hill-rom.com
Fax Number: 812-931-3847

Hill-Rom VAN: Sterling Commerce Connect
Note: SFTP or FTP is another option

ANSI X12
Transaction Sets: 810
830
850
855
856
860
862
865

Element Separator * 2A
Sub-Element Separator > 3E
Segment Terminator ~ 7E

Hill-Rom Trading Partner ID: 12 / 8437408054 Production
12 / 8129341372SFTP Testing

NOTE: Hill-Rom is a global company and we may potentially send special language characters.

850 PURCHASE ORDER

DATA SEGMENT SEQUENCE

Header

<u>Segment ID</u>	<u>Name</u>	<u>Required</u>
ST	Transaction Set Header Segment	Mandatory
BEG	Beginning Segment for Purchase Order	Mandatory
CUR	Currency	Optional
REF	Reference Number	Conditional
PER	Administrative Communication Contact	Optional
FOB	F.O.B. Related Instructions	Optional
ITD	Terms of Sale/Deferred Terms of Sale	Optional
N9	Reference Identification	Optional
MSG	Message Text	Conditional
N1	Name	Conditional
N3	Address Information	Conditional
N4	Geographic Location	Conditional

Detail

<u>Segment ID</u>	<u>Name</u>	<u>Required</u>
PO1	Baseline Item Data	Mandatory
PID	Product/Item Description	Optional
DTM	Date/Time Reference	Mandatory
MSG	Message Text	Conditional
N1	Name	Conditional
N2	Additional Name Information	Conditional
N3	Address Information	Conditional
N4	Geographic Location	Conditional

Summary

<u>Segment ID</u>	<u>Name</u>	<u>Required</u>
CTT	Transaction Totals	Optional
AMT	Monetary Amount	Optional
SE	Transaction Set Trailer	Mandatory

Segment: ST
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
ST01	143	Transaction Set ID "850" – Purchase Order	M	ID	3/3
ST02	329	Transaction Set Control Number Internally Assigned Number	M	AN	4/9

Example: ST*850*000000001

Segment: BEG
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
BEG01	353	Transaction Set Purpose Code "00" – Original	M	ID	2/2
BEG02	92	PO Type Code "BK" – Blanket "SA" – Stand-Alone Order "DR" – Direct Ship "RL" – Release Order	M	ID	2/2
BEG03	324	Purchase Order Number	M	AN	1/22
BEG05	373	Purchase Order Date "YYYYMMDD"	O	DT	8/8

Example: BEG*00*SA*12345620090803**

Segment: CUR
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
CUR01	98	Entity Identifier Code "BY" – Buying Party	M	ID	2/3
CUR02	92	Currency Code "USD" – United States Dollars "EUR" – Europe Euros "CAD" – Canadian Dollars	M	ID	3/3

Example: CUR*BY*USD

Segment: **REF**
Level: **Header**

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
REF01	128	Reference Identification Qualifier “CO” – Direct Ship Customer Order Number “OI” – Original Invoice Number (Blanket PO)	C	ID	2/3
REF02	127	Reference Identification Order Number	C	AN	1/30

Example: **REF*CO*SH 1234567**

NOTE: Used for drop ship orders or hot releases to a blanket purchase order.

Segment: **PER**
Level: **Header**

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
PER01	366	Contact Function Code “BD” – Buyer	O	ID	2/2
PER02	93	Name Buyer Name	O	AN	1/60
PER03	365	Comm. No. Qualifier “TE” – Telephone	O	ID	2/2
PER04	364	Comm. Number Phone Number	O	AN	1/80
PER05	365	Comm. No. Qualifier “FX” –FAX	O	ID	2/2
PER06	364	Comm. Number Fax Number	O	AN	1/80
PER07	365	Comm. No. Qualifier “EM” –Email	O	ID	2/2
PER08	364	Comm. Number Email	O	AN	1/80

Example: **PER*BD*Riley, Dawn M*TE*5555555555*FX*5555555555***
EM*Michelle_Riley@Hill-Rom.com

Segment: FOB
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
FOB01	146	Reference Identification Qualifier “BP” –Paid By Buyer “PS” –Paid By Seller	O	ID	2/2
FOB03	352	Description	O	AN	1/80

Example: FOB*BPFOB Ship Point**

Segment: ITD
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
ITD01	336	Terms Type Code “01” – Standard	O	ID	2/2
ITD02	333	Terms Basis Date Code “3” – Invoice Date	O	ID	1/2
ITD12	352	Description	O	AN	1/80

Example: ITD*01*3***NET 30 DAYS**

Segment: N9
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
N901	128	Ref. Id. Qualifier “L1” – Letters or Notes	C	ID	2/3
N902	127	Ref. Identification “Special Instructions”	C	AN	1/30

Example: N9*L1*Special Instructions

NOTE: One or more occurrences of the MSG segment are used with the N9 segment.

Segment: MSG
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
MSG01	933	Free-Form Message Text	C	AN	1/264

Example: MSG*THIS ORDER HAS SPECIAL INSTRUCTIONS

Segment: N1
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
N101	98	Entity ID Code “ST” – Ship To “BT” – Bill To “VN” – Vendor	C	ID	2/3
N102	93	Name Free-form Name	C	AN	1/60
N103	66	ID Code Qualifier “92” – Assigned by Buyer or Buyer’s agent	C	ID	1/2
N104	67	ID Code Code identifying a party or other code	C	AN	2/80

Example: N1*BT*Hill-Rom, Inc.*92*99632

NOTE: The Header ST will only be used for direct shipment to a Hill-Rom customer. Purchase Orders that ship to Hill-Rom will provide the ST at the detail level.

Segment: N3
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
N301	166	Address Information	C	AN	1/55
N302	166	Address Information	C	AN	1/55

Example: N3*1069 State Rt 46 E

Segment: N4
Level: Header

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
N401	19	City Name	C	AN	2/30
N402	156	State Code	C	ID	2/2
N403	116	Postal Code	C	ID	3/15
		Zip Code (5 or 9 digits)			
N404	26	Country Code	C	ID	2/3

Example: N4*Batesville*IN*47006*US

Segment: PO1
Level: Detail

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
PO101	350	Assigned Identification Purchase Order Line Number	M	AN	1/20
PO102	330	Quantity Ordered	M	R	1/15
PO103	355	Unit of Measure Code	M	ID	2/2
PO104	212	Unit Price	M	R	1/17
PO106	235	Product/Service ID Qualifier "VN" – Vendor's Item Number	O	ID	2/2
PO107	234	Product/Service ID Vendor's Item Number	C	AN	1/48
PO108	235	Product/Service ID Qualifier "IN" – Buyer's Item Number	M	ID	2/2
PO109	234	Product/Service ID Buyer's Item Number	M	AN	1/48
PO110	235	Product/Service ID Qualifier "PT" – Print or Drawing	O	ID	2/2
PO111	234	Product/Service ID Drawing Number	C	AN	1/48
PO112	235	Product/Service ID Qualifier "DR" – Drawing Revision	C	ID	2/2
PO113	235	Product/Service ID Drawing Revision	C	AN	1/48
PO114	235	Product/Service ID Qualifier "AV" – Additional ID Mfg Assigned	O	ID	2/2
PO115	234	Product Service ID Upholstery Color	C	AN	1/48
PO116	235	Product Service ID Qualifier "AV" – Additional ID Mfg Assigned	O	ID	2/2
PO117	234	Product Service ID Laminate Color	C	AN	1/48

PO118	235	Product Service ID Qualifier “AV” – Additional ID Mfg Assigned	O	ID	2/2
PO119	234	Product Service ID Finish Color	C	AN	1/48
PO120	235	Product Service ID Qualifier “AV” – Additional ID Mfg Assigned	O	ID	2/2
PO121	234	Product Service ID Internal Intrastat Code	C	AN	1/48

Example:

PO1*1*4*EA*61.80VN*3583*IN*P325*PT*61*DR*6*AV*RED*AV*WHITE*AV*BLUE*AV*10A**

NOTE: Max use 100,000. Multiple PID segments can be used in association with each occurrence of the PO1 segment for special product notes.

Segment: PID
Level: Detail

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
PID01	349	Item Description Type “F” – Free-Form	O	ID	1/1
PID05	352	Description Item Description	C	AN	1/80

Example: PID*F**Label Foot Clear**

Segment: DTM
Level: Detail

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
DTM01	374	Date/Time Qualifier “002” – Delivery Requested	C	AN	3/3
DTM02	373	Date “YYYYMMDD”	C	DT	8/80

Example: DTM*002*20090131

Segment: MSG
Level: Detail

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
MSG01	933	Free-Form Message Text	C	AN	1/264

Example: MSG*Deliver to Door D16, Hill-Rom Distribution Center, Country Road 300 East, Batesville, Indiana 47006

NOTE: Max use 100. Multiple MSG segments can be used in association with each occurrence of the PO1 segment. Notes may contain delivery instructions for each PO1 part. Other part specific notes or instructions may be included as well.

Segment: N1
Level: Detail

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
N101	98	Entity ID Code "ST" – Ship To	C	ID	2/3
N102	93	Name Free-form Name	C	AN	1/60
N103	66	ID Code Qualifier "92" – Assigned by Buyer or Buyer's agent	C	ID	1/2
N104	67	ID Code Code identifying a party or other code	C	AN	2/80

Example: N1*ST* Ritter Plant East End*92*99632

NOTE: Hill-Rom's system allows for multiple shipping locations per Bill To item number. Unless the PO is a direct ship order, there will be one occurrence of this segment per line item.

Segment: N2
Level: Detail

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
N201	93	Address Information	C	AN	1/55
N202	93	Address Information	C	AN	1/55

Example: N2*Dock R33

NOTE: Hill-Rom's system allows for multiple shipping locations per Bill To item number. Unless the PO is a direct ship order, there will be one occurrence of this segment per line item.

Segment: N3
Level: Detail

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
N301	166	Address Information	C	AN	1/55
N302	166	Address Information	C	AN	1/55

Example: N3*Co. Rd. 300 East*Door R33

NOTE: Hill-Rom's system allows for multiple shipping locations per Bill To item number. Unless the PO is a direct ship order, there will be one occurrence of this segment per line item.

Segment: N4
Level: Detail

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
N401	19	City Name	C	AN	2/30
N402	156	State Code	C	ID	2/2
N403	116	Postal Code	C	ID	3/15
		Zip Code (5 or 9 digits)			
N404	26	Country Code	C	ID	2/3

Example: N4*Batesville*IN*47006*US

NOTE: Hill-Rom's system allows for multiple shipping locations per Bill To item number. Unless the PO is a direct ship order, there will be one occurrence of this segment per line item.

Segment: **CTT**
Level: **Summary**

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
CTT01	354	Number of Line Items Total Number of Purchase Order Lines (Segment PO1 occurrences)	O	N0	1/6

Example: **CTT*1**

Segment: **AMT**
Level: **Summary**

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
AMT01	522	Amount Qualifier Code “TT”–Total Transaction Amount	O	ID	1/3
AMT02	782	Monetary Amount Total Cost of Purchase Order	O	R	1/18

Example: **AMT*TT*247.20**

Segment: **SE**
Level: **Summary**

DATA ELEMENT SUMMARY

Segment	Data Element	Field Name	Req.	Type	Length
SE01	96	Number of Included Segments Total Segments in Transaction, including ST and SE	M	N0	1/10
SE02	329	Transaction Set Control Number Internally Assigned Number	M	AN	4/9

Example: **SE*19*000000001**