



# Gas ERT and Telemetry Module Ordering Guide

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# Gas and Telemetry Module Ordering Guide


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# Residential ERT® module: 100G DLS Datalogging Elster American Meter


Order in multiples of 10 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Direct Mount	ERG-5006-001 For factory programmed modules, order as ERG-5006-001P. <i>A customer-generated configuration file must accompany all factory programmed module orders.</i> When purchasing security keys for enhanced security, also order part number SEC-0000-001. <b>Note</b> Each module comes with one index cover and two tamper seals.

## Replacement Parts


Item	Description	Itron Part Number	Notes
	Index Cover	MLD-0200-002	1 cover required per module Covers sold in box quantity of 10
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20

## Accessories

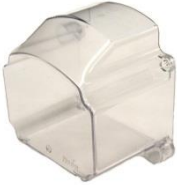

	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	
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# Residential ERT® module: 100G DLS Datalogging Sensus (Invensys, Equimeter, Rockwell) 11-Tooth


Order in multiples of 10 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Direct Mount	ERG-5006-002  For factory programmed modules, order as ERG-5006-002P. <i>A customer-generated configuration file must accompany all factory programmed module orders.</i> When purchasing security keys for enhanced security, also order part number SEC-0000-001.  <b>Note</b> Each module comes with one index cover and two tamper seals.

## Replacement Parts


Item	Description	Itron Part Number	Notes
	Index Cover	MLD-0200-006	1 cover required per module Cover sold in box quantity of 10
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20

## Accessories

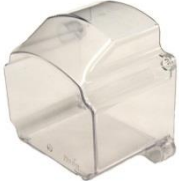

	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	
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# Residential ERT<sup>®</sup> module: 100G DLS Datalogging Sensus (Invensys, Equimeter, Rockwell) 16-Tooth


Order in multiples of 10 (box quantity)

Module	Description	Itron Part Number
	<p>100G DLS Datalogging ERT Module (100G DLS), Direct Mount</p>	<p>ERG-5006-003</p> <p>For factory programmed modules, order as ERG-5006-003P.</p> <p><i>A customer-generated configuration file must accompany all factory programmed module orders.</i></p> <p>When purchasing security keys for enhanced security, also order part number SEC-0000-001.</p> <p><b>Note</b> Each module comes with one index cover and two tamper seals.</p>

## Replacement Parts


Item	Description	Itron Part Number	Notes
	Index Cover	MLD-0200-006	1 cover required per module Covers sold in box quantity of 10
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20



## Accessories


	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	
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# Residential ERT<sup>®</sup> module: 100G DLS Datalogging Sensus (Invensys, Equimeter, Rockwell) 18-Tooth

Order in multiples of 10 (box quantity)


Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Direct Mount	ERG-5006-004  For factory programmed modules, order as ERG-5006-004P.  <i>A customer-generated configuration file must accompany all factory programmed module orders.</i>  When purchasing security keys for enhanced security, also order part number SEC-0000-001.  <b>Note</b> Each module comes with one index cover and two tamper seals.

Replacement Parts			
Item	Description	Itron Part Number	Notes
	Index Cover	MLD-0200-006	1 cover required per module Covers sold in box quantity of 10
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20



Accessories			
	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	

# Residential ERT® module: 100G DLS Datalogging Itron (Sprague, Schlumberger, Actaris)

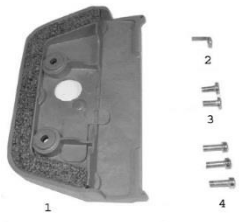

Order in multiples of 10 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Direct Mount	ERG-5006-005  For factory programmed modules, order as ERG-5006-005P. <i>A customer-generated configuration file must accompany factory programmed module orders.</i> When purchasing security keys for enhanced security, also order part number SEC-0000-001.  <b>Note</b> Each module comes with one index cover and two tamper seals.

## Replacement Parts


Item	Description	Itron Part Number	Notes
	Index Cover	MLD-0200-014	1 cover required per module Covers sold in box quantity of 10
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20

## Accessories




	1A Adapter Plate Kit (for flat-faced meters)	CFG-0015-001	One kit required per flat-faced meter Kit includes: Adapter shim plate (1) Index cover mounting screws (4) Drive dog (2) Adapter plate mounting screws (3)
	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	

# Residential ERT® module: 100G DLS Datalogging Sprague 175RM


Order in multiples of 10 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Direct Mount	ERG-5006-009  For factory programmed modules, order as ERG-5006-009P. <i>A customer-generated configuration file must accompany factory programmed module orders.</i>  When purchasing security keys for enhanced security, also order part number SEC-0000-001.  <b>Note</b> Each module comes with one index cover, two tamper seals, and four mounting screws.

## Replacement Parts

Module	Description	Itron Part Number	Notes
	Index Cover	MLD-2400-004	1 cover required per module Covers sold in box quantity of 10
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20
	Mounting Screws	SCR-0175-002	4 screws required per module Screws sold in bag quantity of 100


## Accessories

	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	
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# Residential ERT® module: 100G DLS Datalogging National (Lancaster)


Order in multiples of 10 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Direct Mount	<p>ERG-5006-006</p> <p>For factory programmed modules, order as ERG-5006-006P.</p> <p><i>A customer-generated configuration file must accompany factory programmed module orders.</i></p> <p>When purchasing security keys for enhanced security, also order part number SEC-0000-001.</p> <p><b>Note</b> Each module comes with one index cover, two tamper seals, four index mounting screws (two styles), and two mounting screws.</p>

## Replacement Parts


Item	Description	Itron Part Number	Notes
	Index Cover	MLD-0200-019	1 cover required per module Covers sold in box quantity of 10
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20
	Index Mounting Screws (for index mounting plate with "legs")	SCR-0017-001	2 screws required per module Screws sold in bag quantity of 22
	Index Mounting Screws (for index back plates with through-holes)	SCR-0037-001	2 screws required per module Screws sold in bag quantity of 22
	Mounting Screws	SCR-0014-004	2 screws required per module Screws sold in bag quantity of 22

## Accessories



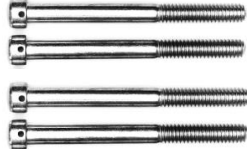

	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	
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# Commercial ERT® module: 100G DLS Datalogging Elster American Meter



Order in multiples of 5 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Direct Mount	ERG-5006-007  For factory programmed modules, order as ERG-5006-007P. <i>A customer-generated configuration file must accompany factory programmed module orders.</i>  When purchasing security keys for enhanced security, also order part number SEC-0000-001.  <b>Note</b> Each box shipment includes CFG-5002-007.

## Replacement Parts


Item	Description	Itron Part Number	Notes
	Index cover tamper seals	OPT-0002-005	2 seals required per module Seals sold in bag quantity of 10
	Mounting plate tamper seals	OPT-0004-004	4 seals required per module Seals sold in bag quantity of 20
	Mounting Screws (3.35" length) with tamper holes	SCR-0062-001	4 screws required per module Screws sold in individual quantities
	Internal Tooth Lock Washers (used with metal mounting plate)	WSH-0003-006	4 washers required per module Washers sold in bag quantity of 20

## Accessories






	Hardware Kit	CFG-5002-007	One kit accommodates five modules. Kit includes: 20 mounting screws 20 internal tooth washers 20 mounting plate tamper seals 10 index cover tamper seals
	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	

# Commercial ERT<sup>®</sup> module: 100G DLS Datalogging Sensus (Invensys, Equimeter, Rockwell, EMCO)



Order in multiples of 5 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Direct Mount	ERG-5006-008  For factory programmed modules, order as ERG-5006-008P. <i>A customer-generated configuration file must accompany factory programmed module orders.</i>  When purchasing security keys for enhanced security, also order part number SEC-0000-001.  <b>Note</b> Each box shipment includes CFG-5002-008.

## Replacement Parts

Item	Description	Itron Part Number	Notes
	Index Mounting Screws (2.94" length)	SCR-0062-003	2 screws required per ERT module Screws sold in bag quantity of 10
	Module Mounting Screws with tamper holes (3.63" length)	SCR-0062-002	2 screws required per ERT module Screws sold in bag quantity of 10
	Internal Tooth Lock Washers	WSH-0003-006	4 washers required per module Washers sold in bag quantity of 20
	Steel Flat Washer	WSH-0020-005	2 washers required per module Washers sold in bag quantity of 10
	Cork Flat Washer	WSH-0032-001	2 washers required per module Washers sold in bag quantity of 10


## Accessories

	Hardware Kit	CFG-5002-008	One kit accommodates five modules. Kit includes: 10 Mounting screws 10 Mounting screws 20 Internal tooth washers 10 flat washers 10 cork washers
	100G Series ERT Module Installation Guide, Direct Mount	TDC-0823-00X	


# Remote ERT® module: 100G DLS Datalogging Remote with Encoder Cable

Meter: See Compatibility List (Itron part number PUB-0117-002)

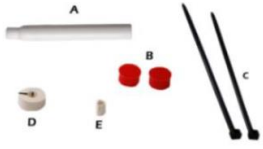






Order in multiples of 20 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Remote Mount	ERG-5006-501: 2.5' cable with encoder For factory programmed <i>modules</i> , order as ERG-5006-501P. <i>A customer-generated configuration file must accompany factory programmed module orders.</i> <i>Note: One remote installation kit for encoders, CFG-0081-001, is included for each module. The 013-1723-112 spacing tool is required and must be purchased separately.</i>

## Replacement Parts

Item	Description	Itron Part Number	Notes
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20


## Accessories

	Remote Installation Kit for encoder	CFG-0081-001	One kit accommodates one module. Kit includes: 1 Acetone applicator stick (A) 2 Tamper seals (B) 3 Cable ties (C) ( <b>Note</b> 2 different sizes) 1 Magnet hub (D) 1 Magnet hub spacer (E)
	Acetone Applicator Stick	MSC-0020-002	Acetone sticks sold in bag quantity of 10.
	Installation Kit (for wall or pipe mount)	CFG-0005-003	One kit accommodates one module. Kit includes: 2 Cable ties 2 Tamper plugs 1 Pipe bracket 1 Adapter plate 2 Screws to attach adapter plate to pipe bracket 2 Screws to attach module to adapter plate 2 Band Clamps (Note 2 different sizes)
	Encoder Spacing Tool	013-1723-112	Required for proper placement of encoder to index. Encoder spacing tool may be used for multiple installations. Encoder spacing tool sold in individual quantities.
	Splice Kit, DBR Tube	OEM-0034-002	For use with gas remote modules. Splicing a cable requires this kit; max. cable length should not exceed 300 feet. Minimum order is 10 kits. Kit includes DBR tube, 3 gel connectors (CON-0023-001), and 1 instruction sheet (MAN-0022-001).
	Extension cable	CBA-0067-001	Typical roll size is 1000 feet. Maximum cable length per module can be up to 300 feet including cable extending out of the device. For detailed information on additional cabling to specific module, reference Itron Entity Parameter document, part number TDC-0978-003.
	100G Series ERT Module Installation Guide, Remote Mount	TDC-0824-00X	

# Remote ERT® module: 100G DLS Datalogging Volume Corrector Remote

Instrument or Meter: See Compatibility List (Itron part number PUB-0117-002)





Order in multiples of 20 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Remote Mount	ERG-5006-502: 5' cable For factory programmed modules, order as ERG-5006-502P. <i>A customer-generated configuration file must accompany factory programmed module orders.</i> Customer has the option to receive direct shipments or drop ship modules from Itron to meter or instrument manufacturer. <b>Note</b> Includes two tamper seals per module.

## Replacement Parts

Item	Description	Itron Part Number	Notes
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20


## Accessories

	Installation Kit (for wall or pipe mount)	CFG-0005-003	One kit accommodates one module. Kit includes: 2 Cable ties 2 Tamper plugs 1 Pipe bracket 1 Adapter plate 2 Screws to attach adapter plate to pipe bracket 2 Screws to attach module to adapter plate 2 Band Clamps (Note 2 different sizes)
	Splice Kit, DBR Tube	OEM-0034-002	For use with gas remote modules. Splicing a cable requires this kit; max. cable length should not exceed 300 feet. Minimum order is 10 kits. Kit includes DBR tube, three gel connectors (CON-0023-001), and one instruction sheet (MAN-0022-001).
	Extension cable	CBA-0067-001	Typical roll size is 1000 feet. Maximum cable length per module can be up to 300 feet including cable extending out of the device. For detailed information on additional cabling to specific module, reference Itron Entity Parameter document, part number TDC-0978-003.
	100G Series ERT Module Installation Guide, Remote Mount	TDC-0824-00X	

# Remote ERT® module: 100G DLS Datalogging Rotary Remote for meters and instruments with factory-installed pulse outputs

Meter or Instrument: See Meter Compatibility List (Itron part number: PUB-0117-002)





Order in multiples of 20 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLN), Remote Mount	ERG-5006-503 (with lead wires)  Customer has the option to receive direct shipments or drop ship modules from Itron to GE Dresser, Sensus, or Romet for connection to new meters. Customer must order ERT-to-meter cable directly from the meter manufacturer. When purchasing modules for GE Dresser meters, the GE Dresser pulser must be version 17 or later to be compatible with the module.  For factory programmed modules, order as ERG-5006-503P. <i>A customer-generated configuration file must accompany factory programmed module orders.</i>  <b>Note</b> Includes two tamper seals per module.

## Replacement Parts

Item	Description	Itron Part Number	Notes
	Tamper seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20


## Accessories

	Pipe Installation kit (for wall or pipe mount)	CFG-0005-003	One kit accommodates one module. Kit includes:  2 Cable ties 2 Tamper plugs 1 Pipe bracket 1 Adapter plate 2 Screws to attach adapter plate to pipe bracket 2 Screws to attach module to adapter plate 2 Band Clamps (Note 2 different sizes)
	Splice kit, DBR tube	OEM-0034-002	For use with gas remote modules. Splicing a cable requires this kit; max. cable length should not exceed 300 feet. Minimum order is 10 kits. Kit includes DBR tube, 3 gel connectors (CON-0023-001), and one instruction sheet (MAN-0022-001).
	Extension cable	CBA-0067-001	Typical roll size is 1000 feet. Maximum cable length per module can be up to 300 feet including cable extending out of the device. For detailed information on additional cabling to specific module, reference Itron Entity Parameter document, part number TDC-0978-003.
	100G Series ERT Module Installation Guide, Remote Mount	TDC-0824-00X	


# Remote ERT® module: 100G DLS Datalogging Remote for GE Oil & Gas/ Dresser Meters IMC/W2 or MC2, Electronic TC, ETC, or ES3, D800/D1000 Rotary Meter

See Meter Compatibility List (Itron part number: PUB-0117-002)




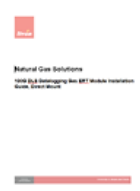
Order in multiples of 20 (box quantity)

Module	Description	Itron Part Number
	100G DLS Datalogging ERT Module (100G DLS), Remote Mount	ERG-5006-505 (with lead wires)  Customer has the option to receive direct shipments or drop ship modules from Itron to GE Dresser for connection to new meters or instruments. Customer must order cable directly from the meter or instrument manufacturer. For factory programmed modules, order as ERG-5006-505P.  <i>A customer-generated configuration file must accompany factory programmed module orders.</i>  <b>Note</b> Includes two tamper seals per module.

## Replacement Parts

Item	Description	Itron Part Number	Notes
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20






## Accessories

	Installation Kit (for wall or pipe mount)	CFG-0005-003	One kit accommodates one module. Kit includes: 2 Cable ties 2 Tamper plugs 1 Pipe bracket 1 Adapter plate 2 Screws to attach adapter plate to pipe bracket 2 Screws to attach module to adapter plate 2 Band Clamps (Note 2 different sizes)
	Splice Kit, DBR Tube	OEM-0034-002	For use with gas remote modules. Splicing a cable requires this kit; max. cable length should not exceed 300 feet. Minimum order is 10 kits. Kit includes DBR tube, three gel connectors (CON-0023-001), and one instruction sheet (MAN-0022-001).
	Extension cable	CBA-0067-001	Typical roll size = 1000 feet. Maximum cable length per module can be up to 300 feet including cable extending out of the device. For detailed information on additional cabling to specific module, reference Itron Entity Parameter document, part number TDC-0978-003.
	100G Series ERT Module Installation Guide, Remote Mount	TDC-0824-00X	







# Battery Replacement Kit for use on all 40 Series Gas ERT® Modules

Battery replacement kit is for use with 40G and 40GB ERT modules. Kit must be ordered separately and is sold in quantities of 60.

## Kit includes:

Item	Description	Itron Part Number	Notes
	Replacement Battery with foam spacer	CFG-0070-001	All modules <b>except</b> Elster American commercial and remote.
	Replacement Battery	CFG-0070-002	Remote module
	Replacement Battery	CFG-0070-003	Elster American Commercial module
	3M Gel Connector	CON-0023-001	120 connectors provided per battery replacement kit. Sold in bag quantity of 30.
	40G/GB Instruction Guide for Battery Replacement	PUB-0119-001	

## Required Accessories. All items must be ordered separately for your specific application.

Item	Description	Itron Part Number	Notes
	Battery Replacement Tool	OEM-0036-001*	For all modules <b>except</b> Elster American commercial. Elster American commercial module only.
	Commercial Battery Replacement Tool	FAB-0150-001*	
	Cork replacement gaskets (can only be used on ERT mouless with cork gaskets)	FAB-0012-001 National/Lancaster FAB-0012-002 Elster American FAB-0012-003 Sensus/Rockwell FAB-0012-004 Itron/Sprague	Gasket not applicable to 5 metric residential, commercial, or remote modules.
	Index cover tamper seals	OPT-0002-003	All modules <b>except</b> Elster American commercial. Each module requires two seals. Seals sold in bag quantity of 20
	Mounting plate tamper seals	OPT-0004-001	Elster American commercial module. Each module requires 4 seals. Seals sold in bag quantity of 40.
	Crimping Tool	HWR-0254-001*	Used to crimp gel connectors




\*One tool must be ordered with initial 60 piece kit order. Order the appropriate battery replacement tool for your application. Additional tools may be ordered as desired.





# Telemetry module: 100T-CP Cathodic Protection Telemetry Module

Application: See Compatibility List (Itron part number PUB-0117-002)


Order in multiples of 10 (box quantity)

Item	Description	Itron Part Number	
	100T-CP Cathodic Protection Telemetry Module	TEL-1000-003: 2' cable	For factory programmed modules, order as TEL-1000-003P. <i>A customer-generated configuration file must accompany factory programmed module orders.</i> When purchasing security keys for enhanced security, also order part number SEC-0000-001.
	Hardware Kit (for pipe mount)	CFG-5006-701	One kit accompanies each 100T-CP module. Kit includes: 2 Tamper plugs 1 Pipe bracket 1 Adapter plate 2 Screws to attach adapter plate to pipe bracket 2 Screws to attach module to adapter plate Band clamp Lightning Suppressor Kit
	Electrical Contact Grease	MSC-0050-001	One tube provided in each shipping box (one tube per 10 modules).

## Replacement Parts

Item	Description	Itron Part Number	Notes
	Tamper Seals	OPT-0002-003	2 seals required per module Seals sold in bag quantity of 20.
	Lightning Suppressor Kit	CFG-5006-710	Kit includes: Lightning suppressor 2 gel connectors

## Accessories

	100T-CP Cathodic Protection Telemetry Module Installation Guide	TDC-1344-XXX	
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