Balluff Demo Program Update

Balluff Sensors Solutions Toolkit

Demo Tools

Balluff Sensors Solutions Toolkit

Complete Demo Case

Sensor Solutions Toolkit

- Balluff part #
  - Demo Kit – Sensor Solutions
- Balluff article #
  - 154586
- Sensor Solutions Toolkit contains:
  - Soft Side Carry Case
  - Large Transport Case
  - Tripod Demo Clamp Arm
  - Analog Tester/Programmer & Power Supply
  - 2 pc High Power Sensor Testers
  - Demo Kits
    - Basic Linear Measurement
    - Standard Limit BNS
    - Cylinder Solutions Sampler
    - Connectivity
    - Standard Inductive
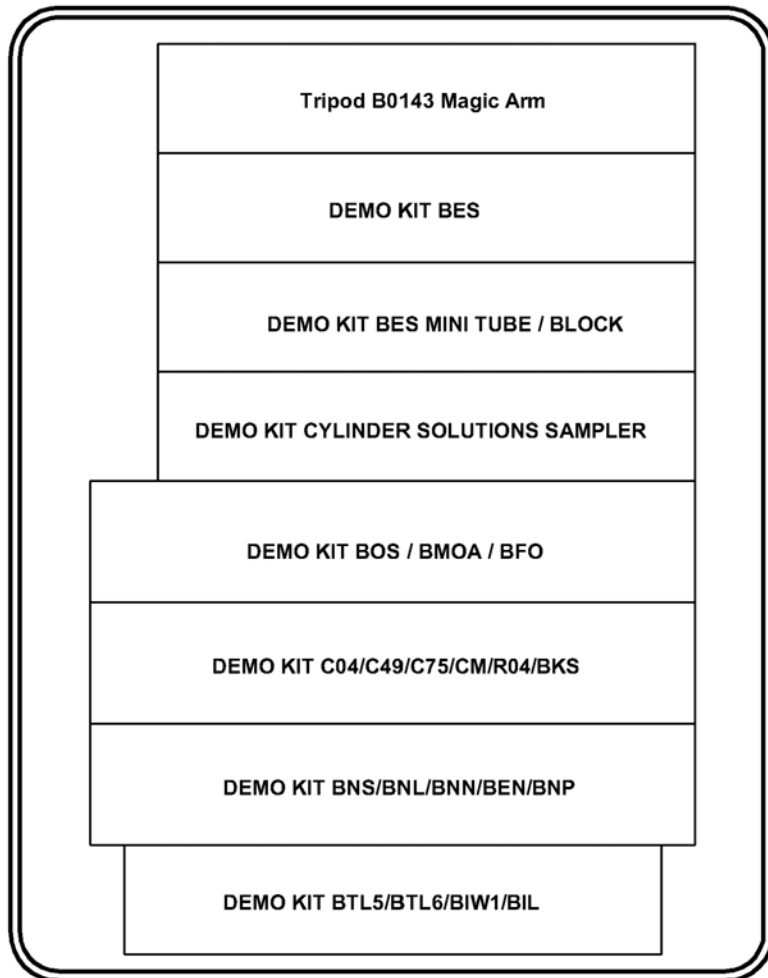   - Mini Inductive
    - Photoelectric Standard

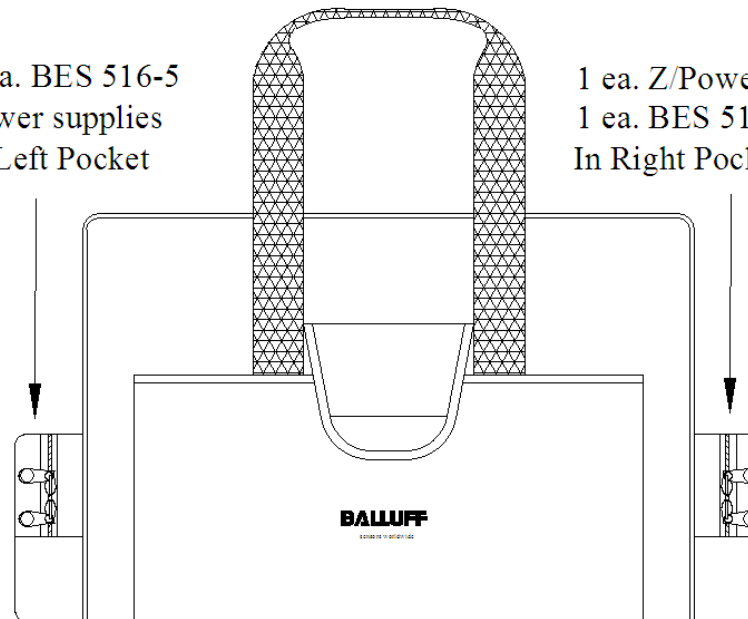June 22, 2011

Sensor Solutions Toolkit Layout

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Sensor Solutions Tool Kit

Tripod B0143 Magic Arm
DEMO KIT BES
DEMO KIT BES MINI TUBE / BLOCK
DEMO KIT CYLINDER SOLUTIONS SAMPLER
DEMO KIT BOS / BMOA / BFO
DEMO KIT C04/C49/C75/CM/R04/BKS
DEMO KIT BNS/BNL/BNN/BEN/BNP
DEMO KIT BTL5/BTL6/BIW1/BIL

TRANSPORT CASE 24.81x19.37x13.87

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2 ea. BES 516-5
Power supplies
In Left Pocket

1 ea. Z/Power Supply 18VDC
1 ea. BES 516-4B Power Supply
In Right Pocket

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CARRY CASE 22x9x12

.

Individual Demo Kits

Updated New Demo Kits

Individual Demo Kits

- Basic Linear Measurement *
- Standard Limit BNS *
- Cylinder Solutions Sampler *
- Connectivity *
- Standard Inductive *
- Mini Inductive *
- Photoelectric Standard *

- BMS Mounting System Sampler
- Weld Select Series
- BVS Vision (Sharp Shooter)
- RFID Parallel
- RFID Ethernet I/P
- Hi Power Remote
- Sales Demo
- Global Prox
- GlobalProx/Global Demo
- GlobalProx Pocket Demo
- SteelFace 2X Pocket Demo
- BCS/SIE Capacitive
- BCS SmartLevel
- DeviceNet/Profibus

These can be ordered individually to build or upgrade own demo case

* = Included with the Sensor Solutions Toolkit

Basic Linear Measurement

Included with the Sensor Solutions Toolkit

- Balluff part #
  - Demo Kit – BTL5/BTL6/BIW1/BIL
- Balluff article #
  - 154577

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Linear Measurement
Demo Kit

Standard Limit BNS

- Balluff part #
    - Demo Kit – BNS/BNL/BNN/BEN/BNP
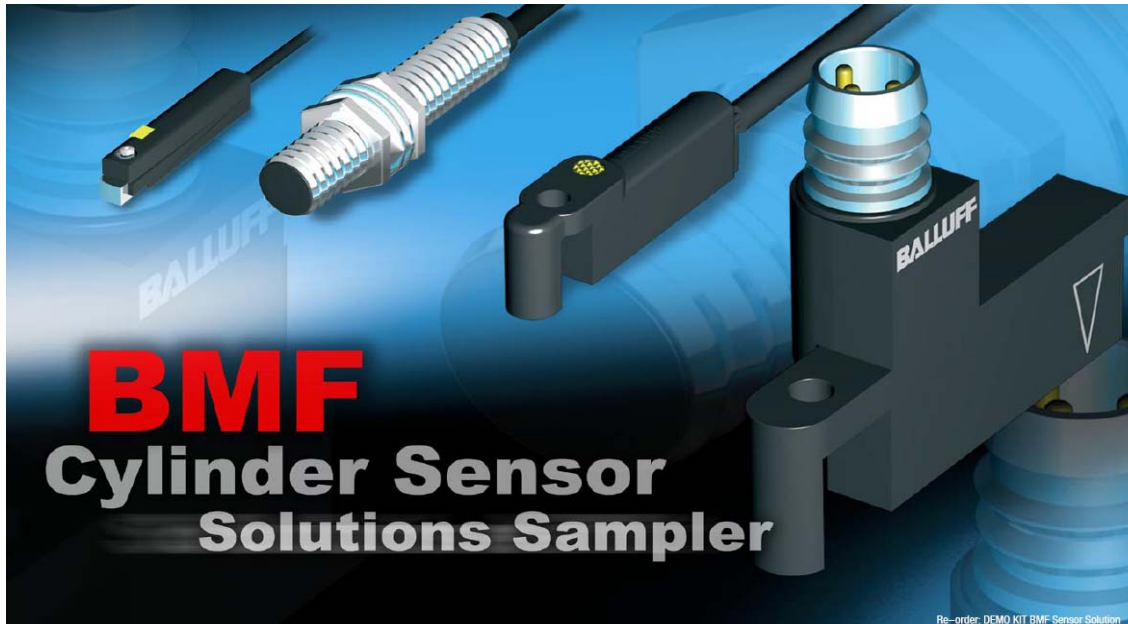- Balluff article #
    - 154581

Cylinder Solutions Sampler

Included with the Sensor Solutions Toolkit

- Balluff part #
  - Demo Kit – Cylinder Solutions Sampler
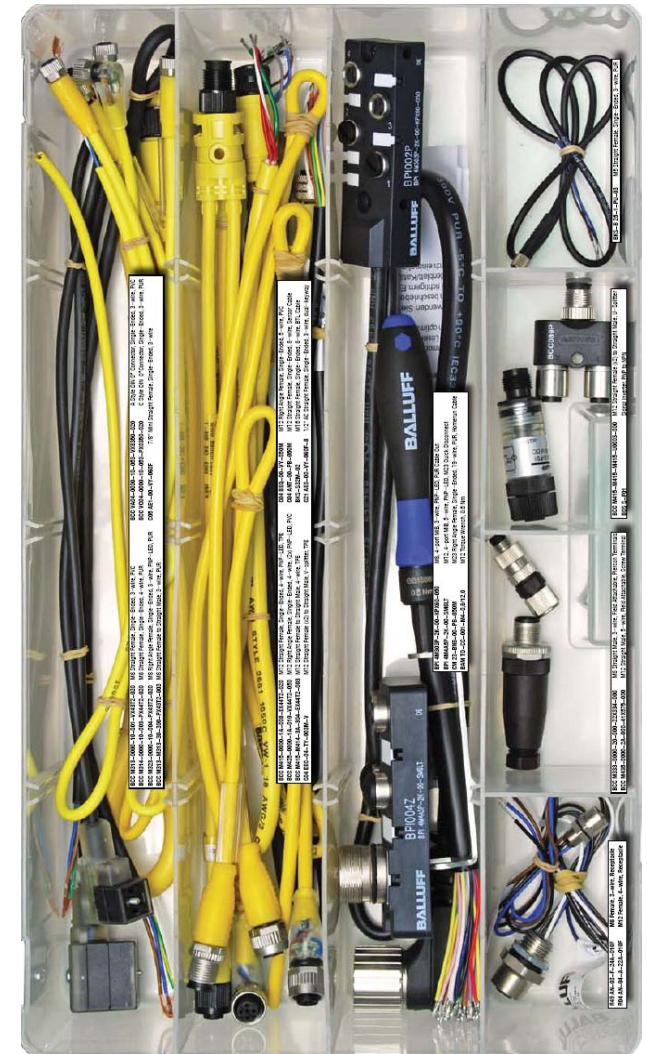- Balluff article #
  - 153410

Connectivity

Included with the Sensor Solutions Toolkit

- Balluff part #
  - Demo Kit – C04/C49/C75/CM/R04/BKS
- Balluff article #
  - 154579

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Connectivity
Demo Kit

Re-order: DEMO KIT C04/C49/C75/CM/R04/BKS

Standard Inductive

Included with the Sensor Solutions Toolkit

- Balluff part #
    - Demo Kit – BES / BCS
- Balluff article #
    - 181322

Mini Inductive

Included with the Sensor Solutions Toolkit

- Balluff part #
  - Demo Kit – BES MINI TUBE / BLOCK
- Balluff article #
  - 154578

Photoelectric Standard

Included with the Sensor Solutions Toolkit

- Balluff part #
  - Demo Kit – BOS / BMOA / BFO
- Balluff article #
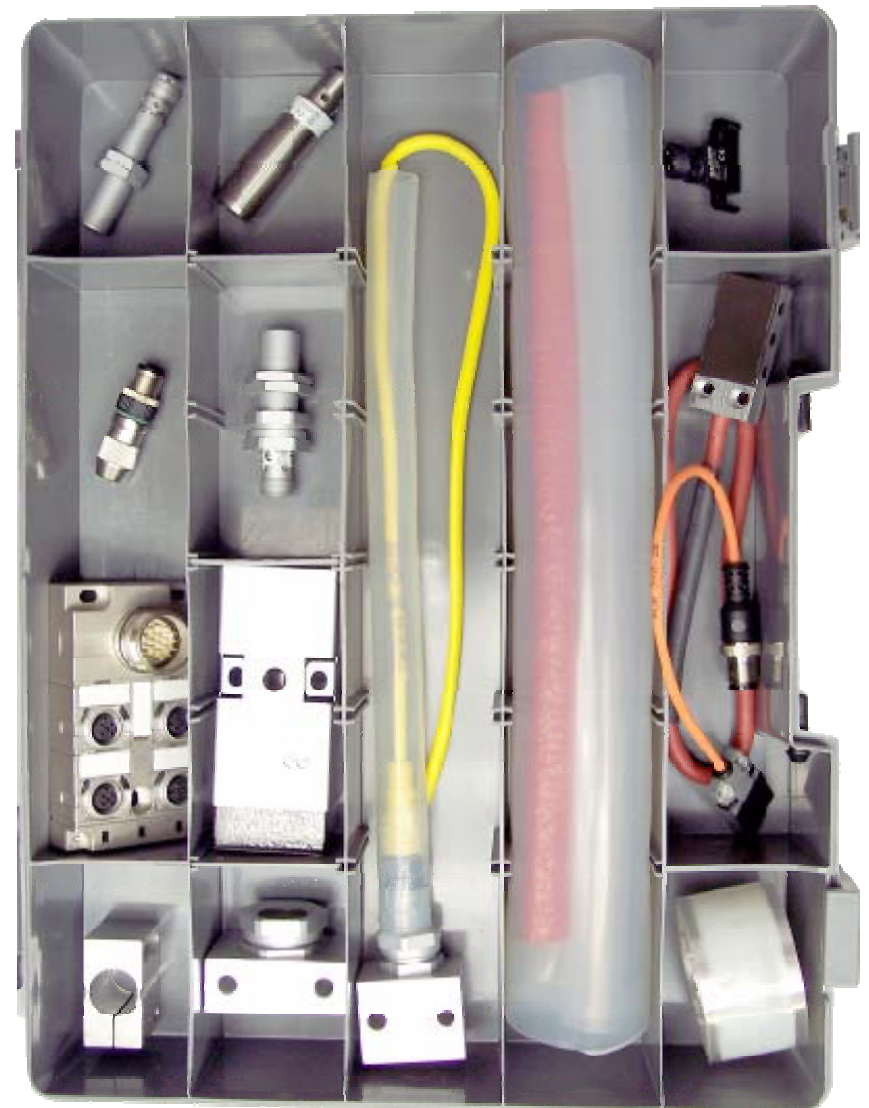 - 154580

BMS Mounting System Sampler

- Balluff part #
  - Demo Kit – BMS MOUNTING SYSTEM
- Balluff article #
  - 154785

Weld Select Series

- Balluff part #
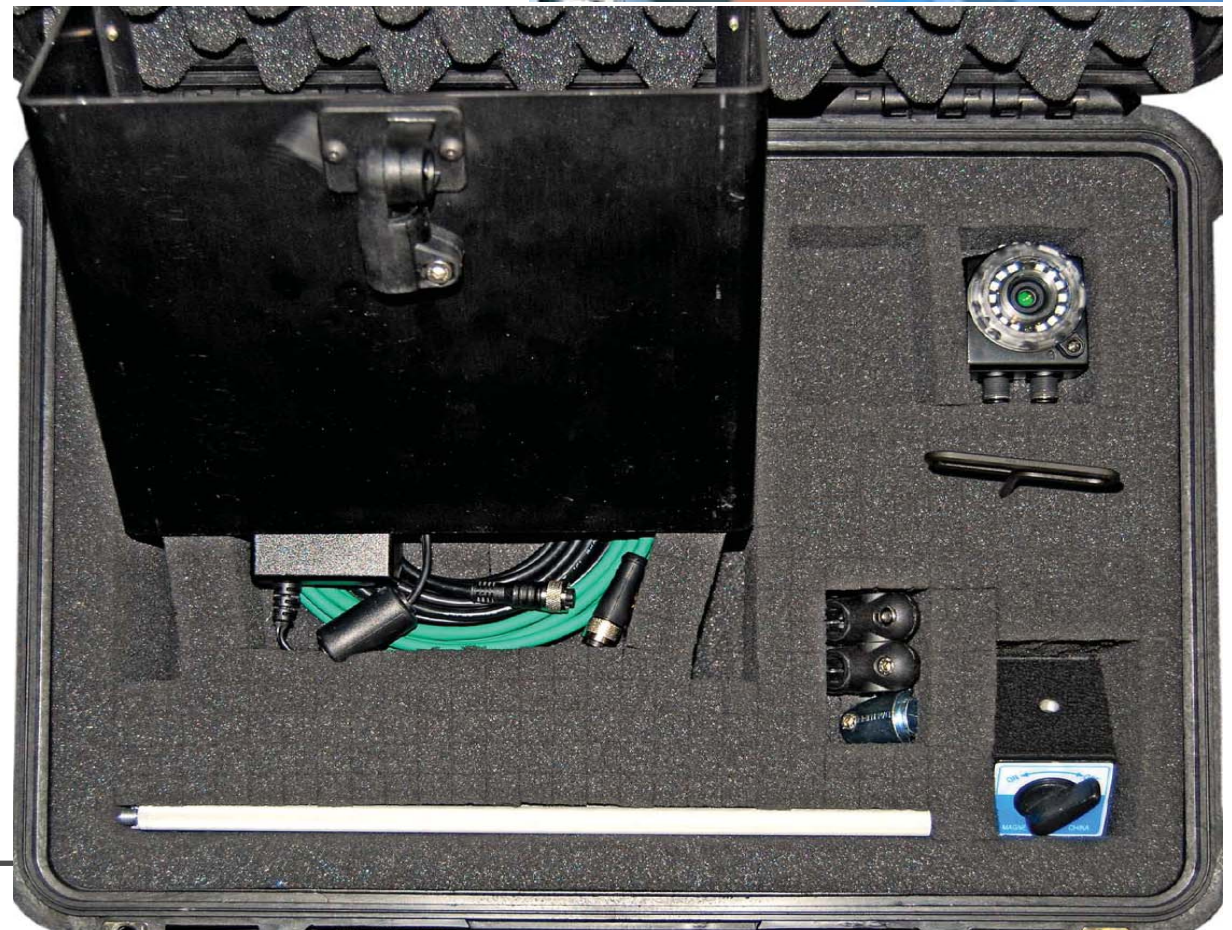 - DEMO-KIT Weld Select Series
- Balluff article #
  - 156914

BVS Vision System (Sharp Shooter)

- Balluff part #
  - DEMO-KIT BMS/BVS VISION SYSTEM
- Balluff article #
  - 158274

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RFID Parallel Demo Kit

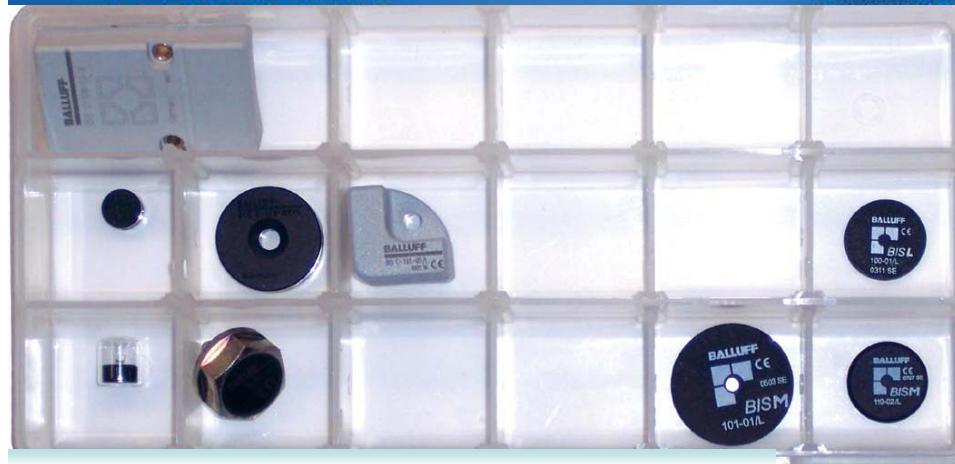- Balluff part #
  - DEMO-KIT BIS C-60R
- Balluff article #
  - 164413

RFID Ethernet I/P Demo

- Balluff part #
  - DEMO-KIT BIS RFID Ethernet/IP
- Balluff article #
  - 163686

Hi Power Remote Demo

- Balluff part #
  - DEMO-CASE RHP-UAB02
- Balluff article #
  - 163929
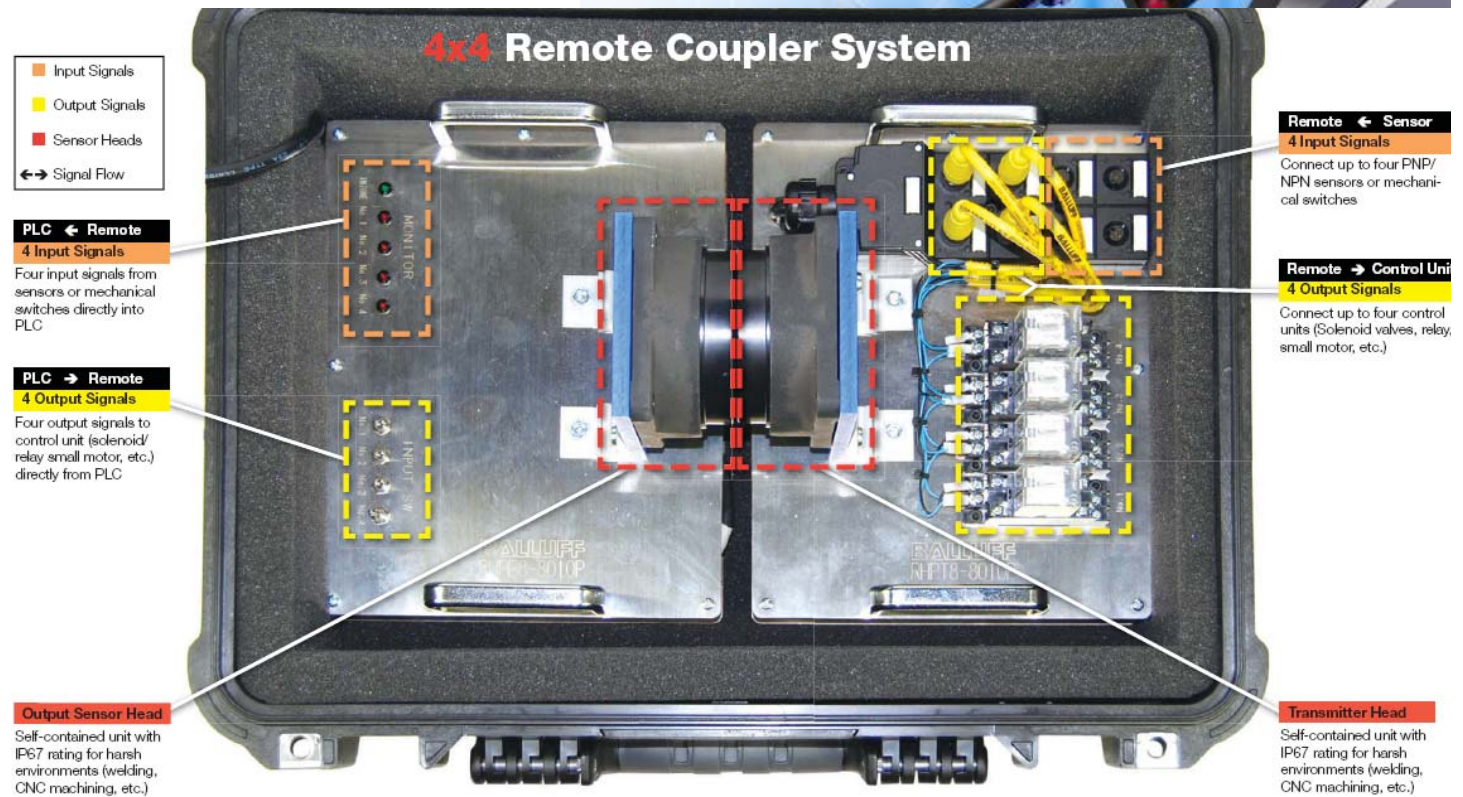
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Sales Demo Kit

- Balluff part #
  - DEMO-KIT SALES-03

- Balluff article #
  - 163176

BES Globalprox Pocket Demo Pouch

- Balluff part #
  - DEMO-KIT BES GLOBALPROX

- Balluff article #
  - 163383

- Pocket Demo Pouch

BES SteelFace 2X Pocket Demo Pouch

- Balluff part #
  - DEMO-KIT BES STEELFACE 2X

- Balluff article #
  - 179057

- Pocket Demo Pouch

BCS/SIE Capacitive Demo Case

- Balluff part #
  - DEMO-KIT BCS/SIE

- Balluff article #
  - 163835

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BCS SmartLEVEL Demo Case

- Balluff part #
  - DEMO-KIT BCS SMARTLEVEL

- Balluff article #
  - 181502

SMARTLevel
www.balluff.com/smartlevel

SMARTLevel
- Level detection sensor for water based liquids
- Adjustment free
- Non-invasive sensing through up to 12 mm of glass/plastic wall
- Compensation for foaming, moisture and material build-up

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Water
DI Water
Acid
Cleaning agent
Cooling fluid
Food
Body fluids
Ink
Waste water

Attention : SMARTLevel sensors are not suitable for oil and other non-conductive liquids.	Best choice for NON conductive liquids, and bulk solids: BCS006H	260F temperature rated 145 psi pressure rated 3/8" NPT or M18 PTFE / SS304 / Al

1. Standard
First, demonstrate the capacitive sensor's ability to sense through glass or plastic walls.

"No initial adjustment and up to 12 mm thick wall."

2. Foam
Next, shake the tube to create a layer of foam. The sensor will not false trigger.

"Compensation of foam and material build-up."

3. Build-up
Finally, use the dispensing bottle and collection container to simulate additional material build-up, moisture, etc.

"Compensation of external material build-up or wash-down."

DeviceNet/Profibus Demo Case

- Balluff part #
  - DEMO-KIT BNI DNT/PBS/BDN

- Balluff article #
  - 167664

GlobalProx/GlobalEye Demo Case

- Balluff part #
  - DEMO-KIT BES GLOBALPROX/GLOBALEYE

- Balluff article #
  - **184607**

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2-Wire DC Welding Sensors

- Balluff part #
  - DEMO-KIT BES 2W PTFE

- Balluff article #
  - **184484**

BTL 7 and BTL PF Low Profile Demo Case

- Balluff part #
  - DEMO-KIT BTL 6-7

- Balluff article #
  - 188185

Demo Tools

Build or update your demo cases

Demo Tools

- Build or upgrade your own demo cases

- Everything you need to get started!
  - Cases
    - Product
    - Transport
    - Carry Case
  - Clamping arm
  - Magnetic Base
  - Power Supply
  - Metal Targets

Demo Tools

Description	Image	Detailed Description	Balluff Part Number	Balluff Article Number	Balluff List Price
Extra Small Clear Plastic Case		8-7/8" x 4-1/8" x 1-3/16", 3 Compartments & 15 Removable Dividers (L x W): A= 8-7/8" x 1-3/8"	Case 9.25 X 5 X 1.35 -3	152300	$ 1.75
Small Clear Plastic Case		10-5/8" x 6-5/8 x 1-9/16", 6 Compartments, Black Mechanical Latches & 12 Removable Dividers (L x W): A= 1-13/16" x 6-5/8"	Case 11 X 7.25 X 1.75 -6	152299	$ 3.00
Medium Clear Plastic Case		13-11/16" x 8-3/16" x 1-3/4", 4 Compartments, Black Mechanical Latches & 20 Removable Dividers (L x W): A= 13-11/16" x 2"	Case 14 X 8.87 X 2 -4	152298	$ 4.00
Large Clear Plastic Case #2		15-1/4" x 8-7/8" x 3", 6 Compartments & 9 Removable Dividers (L x W): A= 15-1/4" x 4-1/4", B= 15-1/4" x 2-1/8", C= 3-3/4" x 2-1/8",D= 3-3/4" x 1-1/2"	Case 15.75 X 9.75 X 3.25 -4	152295	$ 6.00
Large Clear Plastic Case #1		15-1/4" x 8-7/8" x 3", 7 Compartments & 9 Removable Dividers (L x W): A= 15-1/4" x 2-3/16", B= 3-1/2" x 2-3/16", C= 8-1/2" x 2-3/16"	Case 15.75 X 9.75 X 3.25 -3	152297	$ 6.00
Extra Dividers for Extra Small Case		For Case 9.25 X 5 X 1.35 -3	Case Divider 1.3 X 1.1 X 0.13	152288	$ 0.60
Extra Dividers for Small Case		For Case 11 X 7.25 X 1.75 -6	Case Divider 1.7 X 1.6 X 0.14	152287	$ 0.60
Extra Dividers for Medium Case		For Case 14 X 8.87 X 2 -4	Case Divider 2.0 X 1.8 X 0.14	152285	$ 0.60
Extra Dividers for Large Cases		For Case 15.75 X 9.75 X 3.25 -4 & Case 15.75 X 9.75 X 3.25 -3	Case Divider 2.2 X 3.0 X 0.2	152286	$ 0.60
Tripod Demo Clamp Arm		Tripod arm with adjustable clamp, spring loaded clamping adjustment, for testing applications	Tripod B0143 Magic Arm	152283	$ 150.00
Magnetic mounting base		Magnetic mounting base for use with Rod Straight L 328 Magnetic Base (Threaded BMS Rod)	Magnetic Base	152282	$ 7.00
24 Vdc Power Supply		Power Supply 120 Vac to 24 Vdc, 1.8A, for product demo's	Power Supply 24Vdc at 1.8A	152284	$ 15.00
Large Transport Case		Large Transport Case 24.81x19.37x13.87", roller case (Pelican Case 1620)	Transport Case 24,81x19,37X13,87	152293	$ 300.00
Medium Transport Case		Medium Transport Case 22x14x9" roller case, FAA approved for airline Carry-on	Transport Case 22X14X9	152294	$ 200.00
Copper Target		Copper Target 2x2" for inductive sensors	Target 2X2 Copper	152289	$ 3.50
Brass Target		Brass Target 2x2" for inductive sensors	Target 2X2 Brass	152292	$ 3.00
Aluminum Target		Aluminum Target 2x2" for inductive sensors	Target 2X2 Aluminum	152291	$ 2.00
Steel Target		Steel Target 2x2" for inductive sensors	Target 2X2 Steel	152290	$ 1.00
Soft Side Carry Case		Soft Side Carry Case 22x9x12" for use with plastic cases	Carry Case 22x9x12	152705	$ 180.00
BMS Rod for Magnetic Base		Threaded BMS for use with magnetic base	Rod Straight L 328 Magnetic Base	152281	$ 20.00

Large Transportation Case

- Balluff part #
  - Transport Case 24,81x19,37X13,87
- Balluff article #
  - 152293
- DIMENSIONS:
  - INSIDE:
    - 22-1/16" x 17" x 12-9/16"
  - OUTSIDE:
    - 24-13/16" x 19-3/8" x 13-7/8"
  - LID DEPTH:
    - 2-1/16"
  - CASE DEPTH:
    - 10.5"
- Pick and pluck foam included
- Build your own demo case
- Very rugged

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Soft Side Carry Case

Included with the Sensor Solutions Toolkit

- Balluff part #
  - Carry Case 22x9x12
- Balluff article #
  - 152705
- Great for daily use
- 2 side pockets for power supplies
- Very rugged
- Extra room for catalogs or other literature

Medium Transport Case

- Balluff part #
  - Transport Case 22X14X9
- Balluff article #
  - 152294
- FAA Carry On Approved for Airlines
- Build your own demo case
- Dimensions:
  - Outside
    - 22"L x 14"W x 9"D
  - Inside
    - 20.2"L x 11.4"W x 7.5"D
- Pick and pluck foam included

Plastic Cases

Description	Detailed Description	Balluff Part Number	Balluff Article Number
Extra Small Clear Plastic Case	8-7/8" x 4-1/8" x 1-3/16", 3 Compartments & 15 Removable Dividers (L x W): A= 8-7/8" x 1-3/8"	Case 9.25 X 5 X 1.35 -3	152300
Small Clear Plastic Case	10-5/8" x 6-5/8 x 1-9/16", 6 Compartments, Black Mechanical Latches & 12 Removable Dividers (L x W): A= 1-13/16" x 6-5/8"	Case 11 X 7.25 X 1.75 -6	152299
Medium Clear Plastic Case	13-11/16" x 8-3/16" x 1-3/4", 4 Compartments, Black Mechanical Latches & 20 Removable Dividers (L x W): A= 13-11/16" x 2"	Case 14 X 8.87 X 2 -4	152298
Large Clear Plastic Case #2	15-1/4" x 8-7/8" x 3", 6 Compartments & 9 Removable Dividers (L x W): A= 15-1/4" x 4-1/4", B= 15-1/4" x 2-1/8", C= 3-3/4" x 2-1/8",D= 3-3/4" x 1-1/2"	Case 15.75 X 9.75 X 3.25 -4	152295
Large Clear Plastic Case # 1	15-1/4" x 8-7/8" x 3", 7 Compartments & 9 Removable Dividers (L x W): A= 15-1/4" x 2-3/16", B= 3-1/2" x 2-3/16", C= 8-1/2" x 2-3/16"	Case 15.75 X 9.75 X 3.25 -3	152297
Rugged Medium Plastic Case	Tinted translucent lid, 9-24 compartments, includes 15 movable dividers, A= 2-1/8" x 3-1/8", B= 2-1/8" x 8-1/8", C= 2" x 3-1/8", D= 2" x 2", E= 1-1/2" x 8-1/8"	Case 15.0 x 11.75 x 2.50	153878
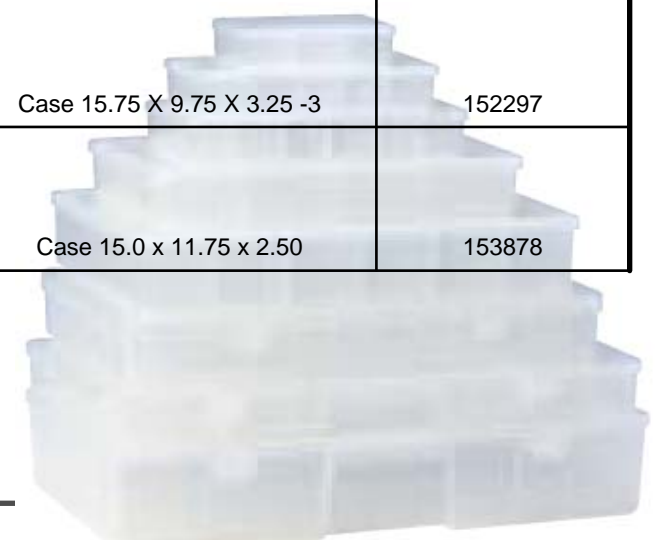
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Dividers for Plastic Cases

Description	Detailed Description	Balluff Part Number	Balluff Article Number
Extra Dividers for Extra Small Case	For Case 9.25 X 5 X 1.35 -3	Case Divider 1.3 X 1.1 X 0.13	152288
Extra Dividers for Small Case	For Case 11 X 7.25 X 1.75 -6	Case Divider 1.7 X 1.6 X 0.14	152287
Extra Dividers for Medium Case	For Case 14 X 8.87 X 2 -4	Case Divider 2.0 X 1.8 X 0.14	152285
Extra Dividers for Large Cases	For Case 15.75 X 9.75 X 3.25 -4 & Case 15.75 X 9.75 X 3.25 -3	Case Divider 2.2 X 3.0 X 0.2	152286

www.balluff.com

Tripod Demo Clamp Arm

Included with the Sensor Solutions Toolkit

- Balluff part #
  - Tripod B0143 Magic Arm
- Balluff article #
  - 152283
- Uses
  - Demo sensors
  - Helping hand

- Extra adjustable clamp for Tripod
  - Balluff part #
    - DEMO TRI-POD CLAMP B02915
  - Balluff Article # 154406
  - Uses
    - Clamp tripod to table or machine

Magnetic Mounting Base and Rod

- Magnetic mounting base
  - Balluff part #
    - Magnetic Base
  - Balluff Article # 152282

- Threaded BMS Rod for use with Magnetic Base
  - Balluff part #
    - Rod Straight L 328 Magnetic Base
  - Balluff Article # 152281
  - For use with BMS mounting system
  - Great for on site demo's


Included with the BMS Mounting System Sampler

Targets for Inductive Sensors

Description	Detailed Description	Balluff Part Number	Balluff Article Number
Copper Target	Copper Target 2x2" for inductive sensors	Target 2X2 Copper	152289
Brass Target	Brass Target 2x2" for inductive sensors	Target 2X2 Brass	152292
Aluminum Target	Aluminum Target 2x2" for inductive sensors	Target 2X2 Aluminum	152291
Steel Target	Steel Target 2x2" for inductive sensors	Target 2X2 Steel	152290

Included with the Sensor Solutions Toolkit
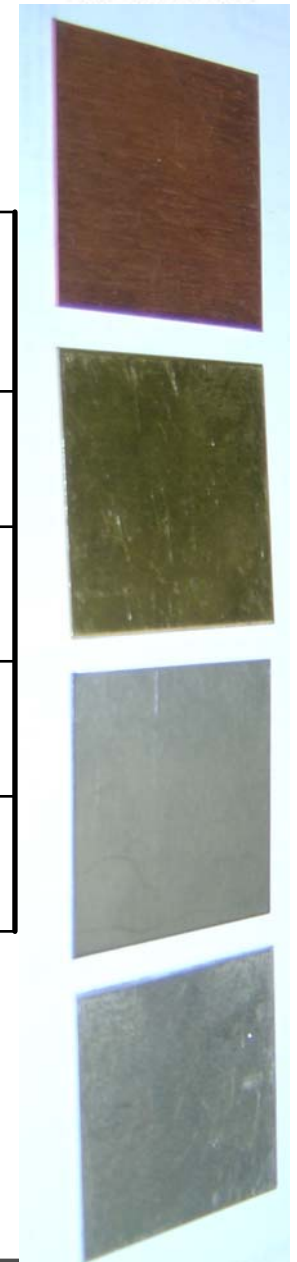
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24 Vdc Power Supply with M12 Connector

- Balluff part #
  - PS-XA-1W-24-018-701-M43-01
- Balluff article #
  - 163685
- Specifications
  - 120 Vac to 24 Vdc @ 1.8A
- Uses
  - Product Demos

More Power!

High Power Sensor Tester

- Balluff part #
  - BES 516-5
- Balluff article #
  - 134815

Included with the Sensor Solutions Toolkit

Analog Tester and Programmer & Power Supply

Included with the Sensor Solutions Toolkit

- Analog Tester and Programmer
  - Balluff part #
    - BES 516-4B
  - Balluff Article # 316598

- Power Supply for use with BES 516-4B
  - Balluff part #
    - Z/POWER-SUPPLY-18VDC
    - Balluff Article # 316770

Still Have Questions?

Call Thurston Horton – 859-727-2200