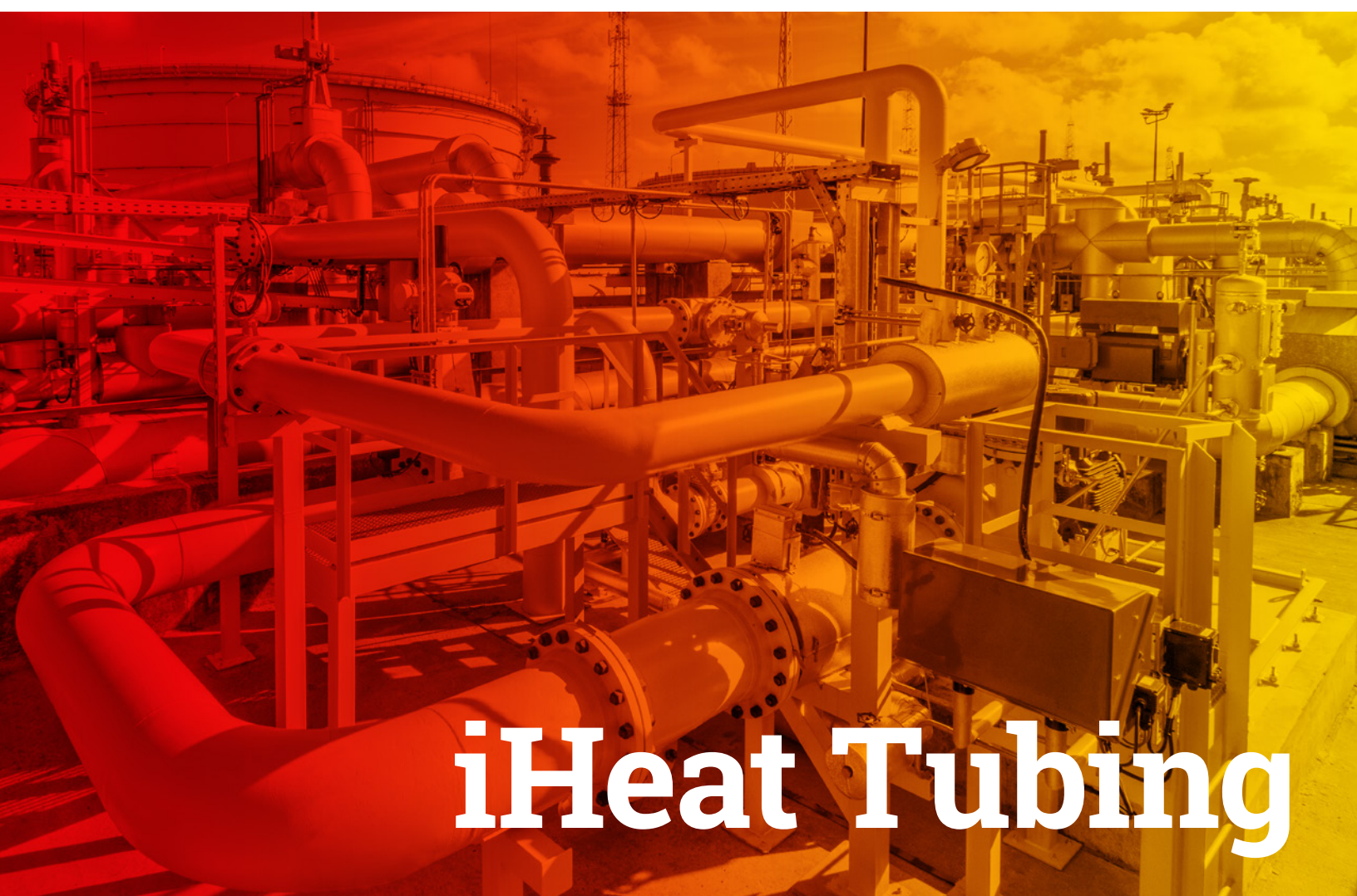


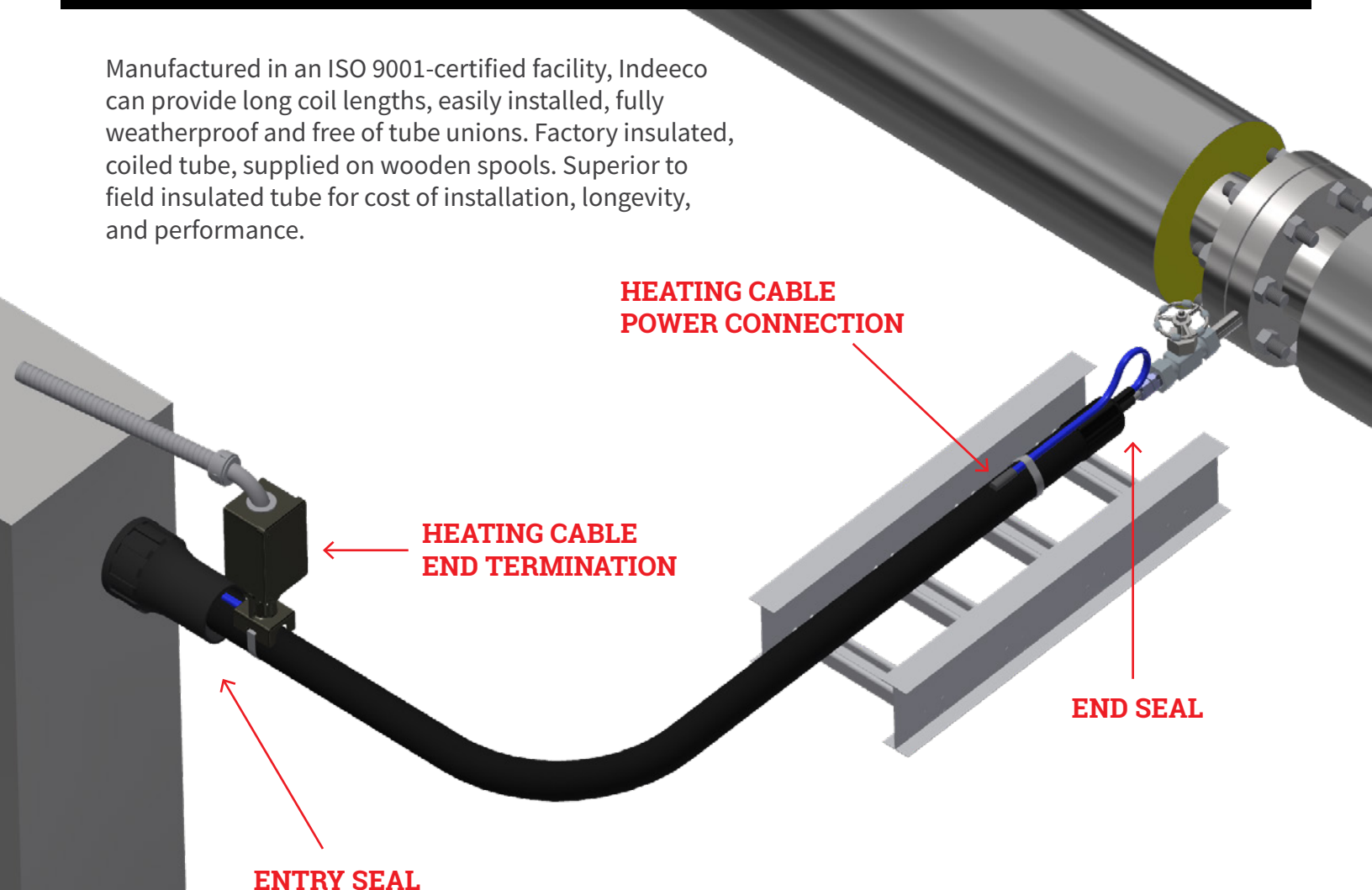


iHeat Tubing

Our products do more in a wide range of applications. **Expect more.**

PRODUCT & ACCESSORIES GUIDE

Manufactured in an ISO 9001-certified facility, Indeeco can provide long coil lengths, easily installed, fully weatherproof and free of tube unions. Factory insulated, coiled tube, supplied on wooden spools. Superior to field insulated tube for cost of installation, longevity, and performance.



HEATING
CABLE POWER
CONNECTION



HEATING CABLE
END TERMINATION



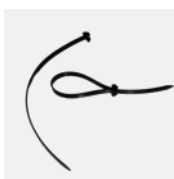
CONTROLLER



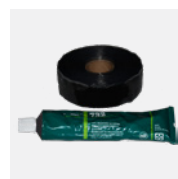
AMBIENT &
LINE SENSING
THERMOSTAT



TEMPERATURE
SENSOR



iHEAT TUBE
STRAPS/TIES



END SEAL TAPE



END SEAL
HEAT SHRINK



ENTRY SEAL

iHEAT TUBE STB

PRE-INSULATED TUBING



CHEMICAL



OIL & GAS



POWER
GENERATION

Applications

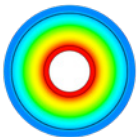
Instrument impulse lines for pressure transmitters, differential pressure lines and steam service impulse lines

Product Attributes

- Long term heat trace solution
- Low cost and reliable installation
- Safe for direct personnel contact
- Long continuous coil lengths to reduce fittings and leaks
- Corrosion prevention
- Cut to length in the field

Manufacturing

- ISO 9001 Certified
- State-of-art Bestotube manufacturing process
- 100% automated optical measurement for precise dimensional control
- Full traceability via QR-coded production and quality control
- Thermal designs optimized with proprietary Bestoworx FEA (finite element analysis) software



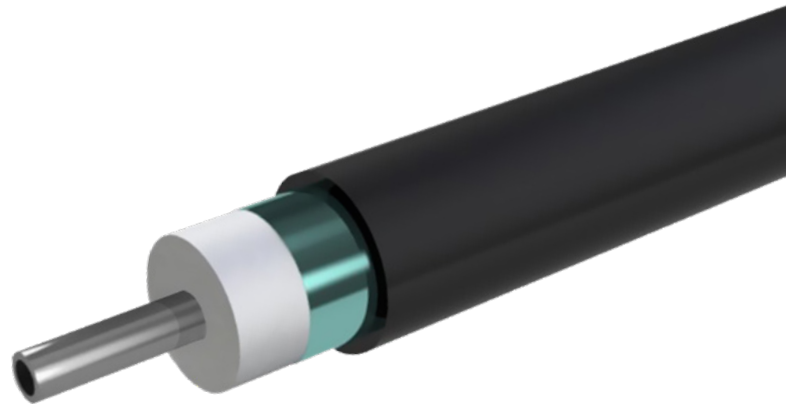
STB FEA

Construction

- Fiberglass insulation and mylar encasing the tube
- Weather sealing extruded outer jacket (PVC/TPU)
- Multiple jacket colors available
- Provides personnel protection

Installation Accessories

- Heat shrink end seal and entry seal kits to moisture seal the ends
- Reusable stainless steel straps with halogen free coating provides secure installation routing



iHEAT TUBE LTB & HTB

STEAM TRACED TUBING BUNDLE



Applications

Instrument impulse lines for pressure transmitters, fluid transfer lines and analyzer sample lines

Product Attributes

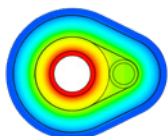
- Long term heat trace solution
- Low cost and reliable installation
- Safe for direct personnel contact
- Long continuous coil lengths to reduce fittings and leaks
- Corrosion prevention
- Cut to length in the field

Heat Trace Options

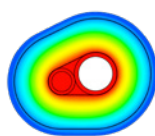
- Light trace for freeze protection
- Heavy trace for elevated temperature maintenance

Manufacturing

- ISO 9001 Certified
- State-of-art Bestotube manufacturing process
- 100% automated optical measurement for precise dimensional control
- Full traceability via QR-coded production and quality control
- Thermal designs optimized with proprietary Bestworx FEA (finite element analysis) software



LTB FEA



HTB FEA

Construction

- Fiberglass insulation and mylar encasing the tube
- Both cabled and parallel construction available
- Weather sealing extruded outer jacket (PVC/TPU)
- Multiple jacket colors available
- Provides personnel protection
- Low and high temperature options are available

Installation Accessories

- Heat shrink end seal and entry seal boots to moisture seal the ends
- Reusable stainless steel straps with halogen free coating provides secure installation routing



iHEAT TUBE ETB

ELECTRIC TRACED TUBING BUNDLE



CHEMICAL



OIL & GAS



POWER
GENERATION

Applications

Instrument impulse lines for pressure transmitters, process analyzer sample lines and CEMS lines

Product Attributes

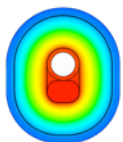
- Long term heat trace solution
- Low cost and reliable installation
- Safe for direct personnel contact
- Long continuous coil lengths to reduce fittings and leaks
- Corrosion prevention
- Cut to length in the field

Heat Trace Options

- LSR, MSR, HSR cable options available for various maintain and exposure temperature requirements
- FM, CSA Class I Division 1 & 2 approvals

Manufacturing

- ISO 9001 Certified
- State-of-art Bestotube manufacturing process
- 100% automated optical measurement for precise dimensional control
- Full traceability via QR-coded production and quality control
- Thermal designs optimized with proprietary Bestworx FEA (finite element analysis) software



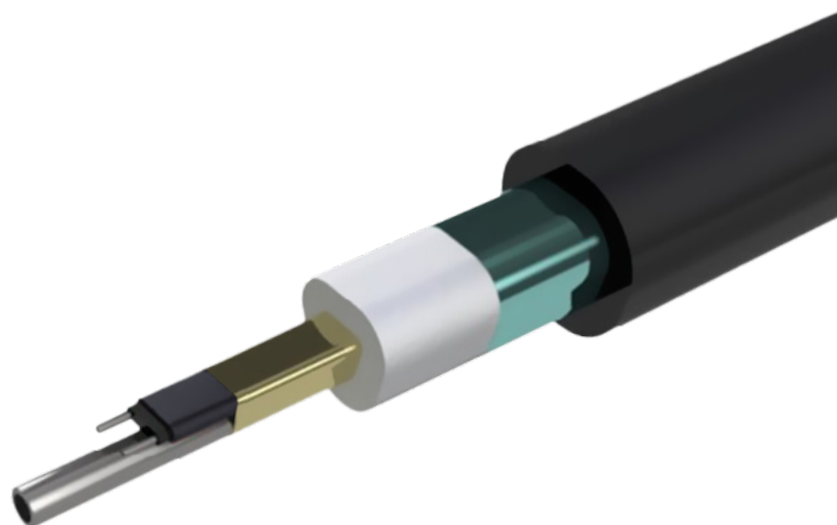
ETB FEA

Construction

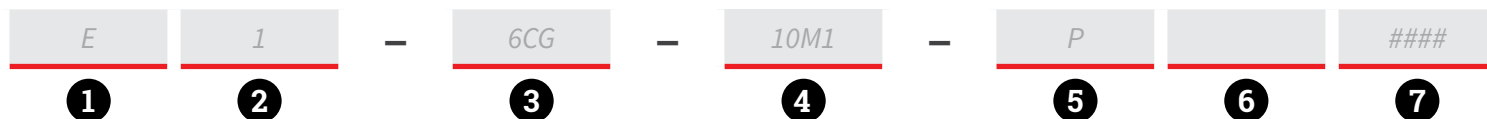
- Fiberglass insulation and mylar encasing the tube
- Both cabled and parallel construction available
- Weather sealing extruded outer jacket (PVC/TPU)
- Multiple jacket colors available
- Provides personnel protection
- Low and high temperature options are available

Installation Accessories

- Full line of Indeeco electrical connection and termination kits
- Heat shrink end seal and entry seal kits to moisture seal the ends
- Reusable stainless steel straps with halogen free coating provides secure installation routing



PRODUCT CONFIGURATION



1 IHT Product Type

E	Electric Traced
H	Heavy Steam Traced
L	Light Steam Traced
N	Insulated Tube (No Tracer)
J	Jacketed Tube (No Insulation, No Tracer)

2 Number of Process Tubes

Quantity of Process Tubes

5 Jacket Material

P	PVC
U	TPU
UA	Alternate color TPU (consult factory)

3 Tracer Designation

##Z#	Tube Code for Steam Tracer	15M2	15 watt/ft 240V FEP MSR
05L1	5 watt/ft 120V TPE LSR	05H1	5 watt/ft 120V FEP HSR
05L2	5 watt/ft 240V TPE LSR	05H2	5 watt/ft 230V FEP HSR
10L1	10 watt/ft 120V TPE LSR	10H1	10 watt/ft 120V FEP HSR
10L2	10 watt/ft 240V TPE LSR	10H2	10 watt/ft 240V FEP HSR
05M1	5 watt/ft 120V FEP MSR	15H1	15 watt/ft 120V FEP HSR
05M2	5 watt/ft 240V FEP MSR	15H2	15 watt/ft 240V FEP HSR
10M1	10 watt/ft 120V FEP MSR	20H1	20 watt/ft 120V FEP HSR
10M2	10 watt/ft 240V FEP MSR	20H2	20 watt/ft 240V FEP HSR
15M1	15 watt/ft 120V FEP MSR	#X#	Special Electric Tracer

6 Options (if req'd)

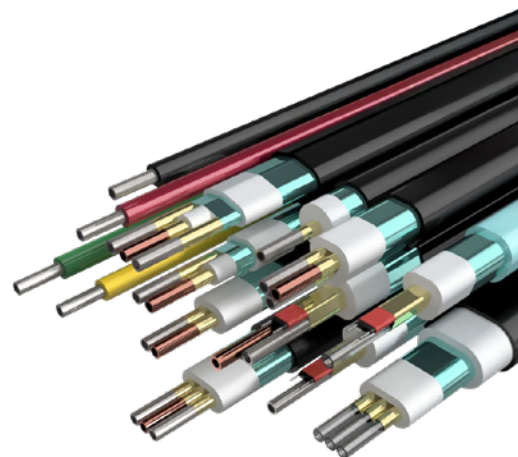
A#	Temperature Sensor (consult factory)
R	Random lengths (Exact/Continuous Standard)
W#	Number of Messenger Wires

7 Serial Number

Identification
Design Code

4 Tube Code

Tube OD	W.T	Tube Material	Tube Special (if req'd)
2	1/8"	A PFA ASTM D3307	E Electropolish finish
4	1/4"	B 304L seamless stainless steel per ASTM A213	L SN2000 coating
6	3/8"	C 0.035"	P Passivation
8	1/2"	D 0.040"	S Stick Tube
12	3/4"	E 0.047"	Y Cleaned for O2 Service
16	1"	F 0.049"	
M6	6 mm	G 0.062"	
M8	8 mm	H 0.065"	
M10	10 mm	J 0.083"	
M12	12 mm	K 1 mm	
X	Other	L 1.5 mm	
		X Other	



Check out our complete line of electric Heat Trace products at indeeco.com/products/iHeatTubing

iHEAT TUBE ACCESSORIES

Connections

HEATING CABLE POWER CONNECTION



DESCRIPTION: For CRG, LSR, MSR and HSR heating cable. J denotes kit with Junction Box included.

PART NUMBER: PCA-40J, PCA-40P, PCA-81J, PCA-81P (PCA81J, PCA81P for HSR heating cable only)

HEATING CABLE END TERMINATION



DESCRIPTION: End Termination Kit for CRG, LSR, MSR, and HSR heating cable.

PART NUMBER: ESA-ES, ESA-81 (ESA-81 for HSR heating cable only)

Installation Kits

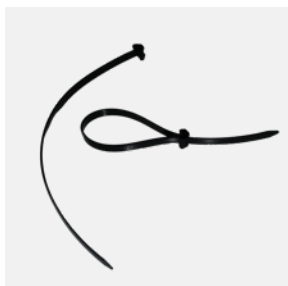
TEMPERATURE SENSOR



DESCRIPTION: 3 wire RTD with 25' armor lead. Cord grip box included.

PART NUMBER: HTRTD-25

iHEAT TUBE STRAPS/TIES



DESCRIPTION: 50 pack of 18" SST reusable straps with halogen free coating

PART NUMBER: IHT-STRAP18

Seal Kits

END SEAL TAPE



DESCRIPTION: Self bonding tape seal kit with high temperature RTV sealant.

PART NUMBER: IHT - HTES

END SEAL HEAT SHRINK



DESCRIPTION: Heat shrink end seal kit.

PART NUMBER: IHT-A1, IHT-B2, IHT-A3

ENTRY SEAL



DESCRIPTION: Heat shrink entry seal kit.

PART NUMBER: IHT-4S, IHT-5, IHT-6X

Thermostats & Controllers

CONTROLLER



DESCRIPTION: Electronic controller with GFCI, 2 circuit monitoring, alarm status indicators, alarm dry contact interface, RTD included. Provides control and monitoring of single, dual and multi-loop configurations.

PART NUMBER: HTES-1

AMBIENT & LINE SENSING THERMOSTAT

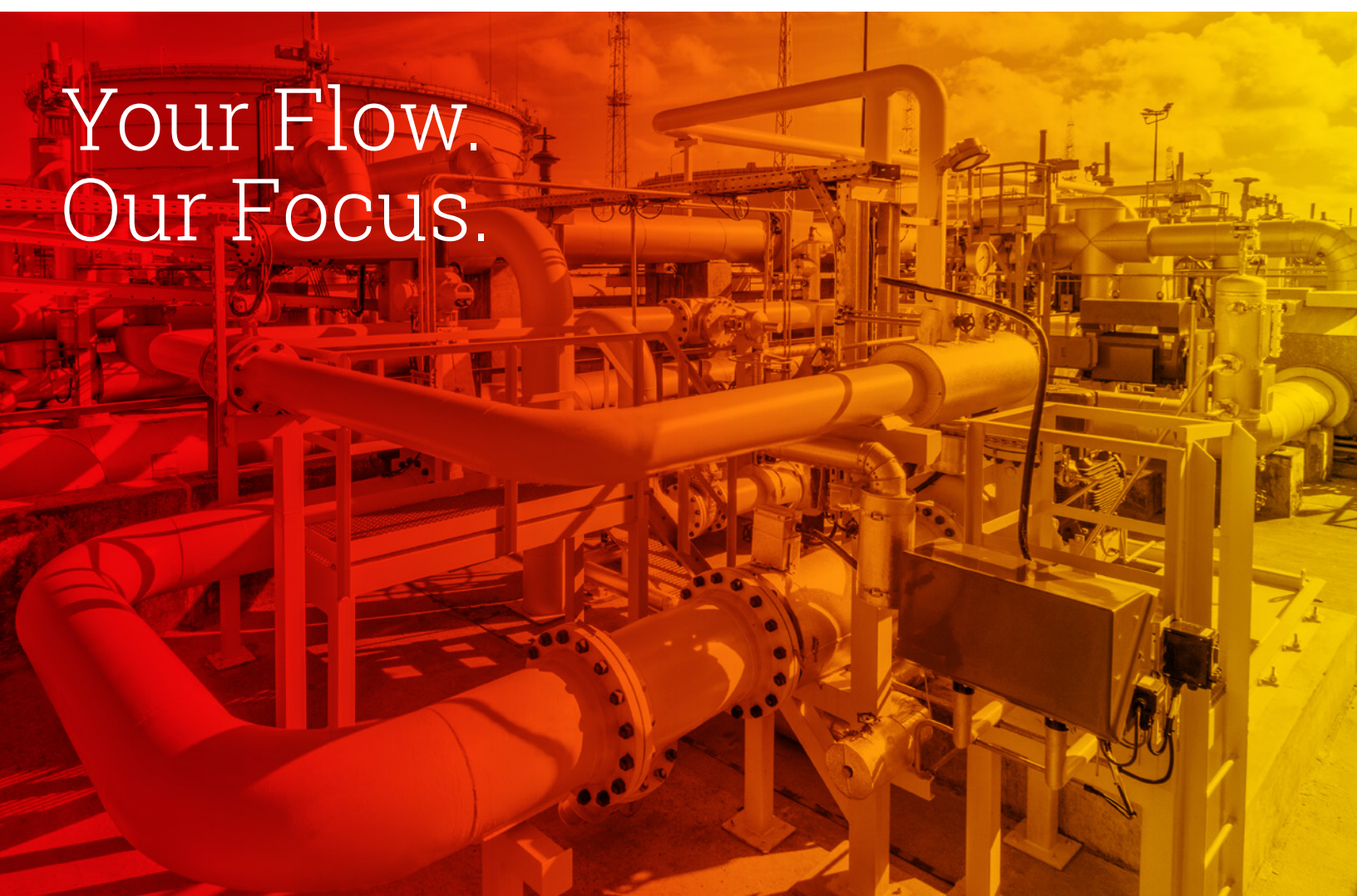


DESCRIPTION: Mechanical line-sensing thermostat. Provides on/off control.

PART NUMBER: HTTPS-EPL

We have the experience and expertise to provide you with the personalized support to arrive at customized solutions.

Email sales@indeeco.com
or call 800.243.8162
to find your nearest
Indeeco representative.



Your Flow.
Our Focus.