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February 20, 2018

CUNG NGUYEN
N-CUBED ENGINEERING
8 MAIN ST EAST SUITE 409
HAMILTON ON L8N 1E8
CA

Service Request Type: BPV-Fitting Registration
Service Request No.: 2228590
Your Reference No.:
Registered to: METTLER TOLEDO GMBH

Dear CUNG NGUYEN,

Technical Standards and Safety Authority (TSSA) is pleased to inform you that your submission has been reviewed and registered as follows:

CRN No.: **0F12048.5R1**

Main Design No.: Renewal - Housing InFit 761 & InTrac 777 w/ Sensors - See Scope of Registration (4 pages)

Expiry Date: **20-Feb-2028**

Please be advised that a valid quality control system must be maintained for the fitting registration to remain valid until the expiry date.

The stamped copy of the approved registration and the invoice are mailed separately. Should you have any questions or require further assistance, please contact a Customer Service Advisor at 1.877.682.TSSA (8772) or e-mail customerservices@tssa.org. We will be happy to assist you. When contacting TSSA regarding this file, please refer to the Service Request number provided above.

Yours truly,

Wendy Du, P.Eng.
Technical Standards & Safety Authority
Boilers & Pressure Vessels Safety Program
Tel.: 416-734-3566
Fax: 416-231-6183
Email: wdu@tssa.org



Technical Standards and Safety Authority
 345 Carlingview Drive
 Toronto, Ontario M9W 6N9
 www.tssa.org

Show facsimile of manufacturer's logo or trademark, as it will appear on the fitting, in the space below

METTLER TOLEDO

STATUTORY DECLARATION
Registration of Fittings

I, Waldemar Josef RAUCH, Head of Process Analytics Division
(Name and Position, e.g. President, Plant Manager, Chief Engineer)

of Mettler-Toledo GmbH, Process Analytics
(Name of Manufacturer)

Located at Im Hackacker 15, CH-8902 Urdorf +41 44 729 62 11 +41 44 943 93 43
(Plant Address) (Telephone No.) (Fax No.)

do solemnly declare that the fittings listed hereunder, which are subject to the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, comply with all of the requirements of ASME B31.3-2016
(Title of recognized North American Standard)

which specifies the dimensions, materials of construction, pressure/temperature ratings, identification marking the fittings and service;

or are not covered by the provisions of a recognized North American standard and are therefore manufactured to comply with _____ as supported by the attached data which identifies the dimensions, material of construction, pressure/temperature ratings and the basis for such ratings, the marking of the fitting for identification and service.

I further declare that the manufacture of these fittings is controlled by a quality system meeting the requirements of ISO 9001 & ISO 14001 which has been verified by the following authority, SQS, Bernstrasse 103, CH-3052 Zollikofen, Switzerland.

The items covered by this declaration, for which I seek registration, are category F type fittings. In support of this application, the following information and/or test data are attached as follows:

InFit761, InTrac777, Sensors (pH, O2, Conductivity, Turbidity) per attached sheets, calculations, and proof test reports.
(drawings, calculations, test reports, etc.)

Declared before me at _____ in the _____ of _____
 the _____ day of _____ AD 20_____.

Commissioner for Oaths:

(Printed name)

(Signature)

Waldemar Rauch
(Signature of Declarer)

FOR OFFICE USE ONLY

To the best of my knowledge and belief, the application meets the requirements of the **Technical Standards and Safety Act**, Boilers and Pressure Vessels Regulation, and CSA Standard B51 and is accepted for registration in Category F.

CRN: 0F12048.5R1

Registered by: Wendy In

Dated: Feb. 20, 2018

NOTE: This registration expires on: Feb. 20, 2028

Technical Standards and Safety Authority	Boilers and Pressure Vessels Safety Program
REGISTERED	
C.R.N.: <u>0F12048.5R1</u>	
Signed: <u>Wendy In</u>	
Date: <u>Feb. 20, 2018</u>	

*Information provided in this application is releasable under the Freedom of Information and Privacy Protection Act and may be disclosed upon request.

See attached stamped scope of registration (1) page: wd

Complete product list for CRN registration Version 1.4

Design Code And Conditions:		
Code: ASME B31.3	Edition: 2016	Addenda: None
Radiography: None		
Impact Test: None as per 323.2.2(b)		
Interior Finish: None		
Exterior Finish: None		
MAWP Internal:	232 psi	At: 284 °F Max. Working Pressure
MAWP External:	0 psi	At: 75 °F Max Working Pressure
MAWP Internal:	232 psi	At: 32 °F Min Process Flow Temperature
Hydrostatic Test Pressure:	348 psi	At: 75 °F min duration of 1/2 hr
Ambient Temperatures:		
	InTrac: PP-body	32 to 158°F
		SS-body 14 to 158°F
	InFit: 32 to 158°F	
Corrosion Allowance:	0.00	inches

Product family	Order number	Original registered products	Order number	Related products with the same design	Difference	Catalogue page
InFit housings						
	007613043IG	InFit761/WS/0070/4435/D00/Si9-	InFit 761 family (product catalogue page 146, 147, configurator on page 151)			
			52 400 491	InFit 761e/NC/0070/4435/D00/Si9-	without protective cage (N), o-ring groove design (C)	146, 147
			00 761 3093IG	InFit 761e/NS/0070/4435/D00/Si9-	without protective cage (N)	146, 147
			00 761 3094IG	InFit 761e/NS/0175/4435/D00/Si9-	Without protective cage (N), insertion length (0175)	146, 147
			00 761 3042IG	InFit 761e/WS/0070/4435/D10/Vi2-	Hexagon design of cap nut (D01), o-ring material (Vi), o-ring position (2)	146, 147
			00 761 3089IG	InFit 761e/WS/0100/4435/D00/Si9-	Insertion length (0100)	146, 147
			00 761 3074IG	InFit 761e/WS/0175/4435/D00/Si9-	insertion length (0175)	146, 147
			00 761 3121IG	InFit 761e/WS/0070/4435/D00/EP9-	o-ring material (EP)	146, 147
			Product configurator	InFit 761e/xx/xxx/4435/D00/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			Product configurator	InFit 761e/xx/xxx/C22-/D00/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			Product configurator	InFit 761e/xx/xxx/Ti-/D00/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			Product configurator	InFit 761e/xx/xxx/4435/D10/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			Product configurator	InFit 761e/xx/xxx/C22-/D10/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			Product configurator	InFit 761e/xx/xxx/Ti-/D10/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			Product configurator	InFit 761e/xx/xxx/4435/D11/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			Product configurator	InFit 761e/xx/xxx/C22-/D11/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			Product configurator	InFit 761e/xx/xxx/Ti-/D11/xxxx	Protective cage, insertion length, o-ring material, position and groove design	151
			InPro 6800 family with DN 25 process connection ⁵⁾ (product catalogue page 70, 71)			
			52 200 974	InPro 6800 80 mm Straight VP	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 983	InPro 6800 100 mm Straight VP for B. Braun ports	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 975	InPro 6800 160 mm Straight VP	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 976	InPro 6800 260 mm Straight VP	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 977	InPro 6800 360 mm Straight VP	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 978	InPro 6810 80 mm Angled VP	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 982	InPro 6810 100 mm Angled VP for B. Braun ports	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 979	InPro 6810 160 mm Angled VP	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 980	InPro 6810 260 mm Angled VP	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 200 981	InPro 6810 360 mm Angled VP	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 201 020	InPro 6820 80 mm Straight T-82	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 201 021	InPro 6820 160 mm Straight T-82	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 201 022	InPro 6820 260 mm Straight T-82	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 201 023	InPro 6830 80 mm Angled T-82	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 201 024	InPro 6830 160 mm Angled T-82	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			52 201 025	InPro 6830 260 mm Angled T-82	Oxygen sensor for direct insertion with DN25 process connection	70, 71
			InTrac housings			
			InTrac 777 family (product catalogue page 158, 159, configurator on page 157)			
	52403206	InTrac777M/100/4404/D00/Vi/A00	52 403 205	InTrac777M/070/4404/D00/Vi/A00	Insertion length (070)	158, 159
	59800048	InTrac777M/100/4404/A02/Vi/A00	52 403 207	InTrac777M/200/4404/D00/Vi/A00	Insertion length (200)	158, 159
	59800450	InTrac777M/200/4404/A03/Vi/S00	52 403 208	InTrac777P/070/4404/D00/Vi/A00	Insertion length (070), pneumatic drive (P)	158, 159
	59800174	InTrac777R/200/4404/A04/Vi/A00	52 403 209	InTrac777P/100/4404/D00/Vi/A00	Pneumatic drive (P)	158, 159
	52403219	InTrac777M/200/4404/N01/Vi/A00	52 403 210	InTrac777P/200/4404/D00/Vi/A00	Insertion length (200), pneumatic drive (P)	158, 159
	59800600	InTrac777M/100/4404/N02/Ka/A00	52 403 215	InTrac777R/100/4404/D00/Vi/A00	Pneumatic drive with pneumatic position indicator (R)	158, 159
	59800397	InTrac777M/200/4404/N03/Vi/S00	52 403 216	InTrac777I/100/4404/D00/Vi/A00	Pneumatic drive with inductive position indicator (I)	158, 159
			52 403 236	InTrac779M/070/4404/D00/Vi/A00	for turbidity sensors (9), insertion length (070)	158, 159
			Product configurator	InTrac777x/xxx/4404/D00/xx/xxx		157
			Product configurator	InTrac777x/xxx/4404/Axx/xx/xxx		157
			Product configurator	InTrac777x/xxx/4404/Nxx/xx/xxx		157
			Product configurator	InTrac777x/xxx/C22-/D00/xx/xxx		157
			Product configurator	InTrac777x/xxx/C22-/Axx/xx/xxx	Pneumatic drive with different position indicators (P,I,R,X), insertion length (070,200), process connections dimensions for ANSI and NPT,	157



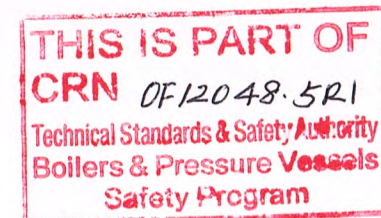
Product configurator InTrac777x/xxx/C22-/Nxx/xx/xxx
 Product configurator InTrac777x/xxx/Ti-/D00/xx/xxx
 Product configurator InTrac777x/xxx/Ti-/Axx/xx/xxx
 Product configurator InTrac777x/xxx/Ti-/Nxx/xx/xxx

o-ring material (EP, Ka), body material (S), flushing connection (1,2,3)

157
157
157
157

pH sensors

Product ID	Product Name	Product Description	Technical Details	Page Reference			
52002553	InPro3250/225mm	InPro3250 family (product catalogue page 40, 41)					
		52 002 548 / 52 002 547 ²⁾	InPro 3250 120 mm	Sensor length	40, 41		
		52 002 553 / 52 002 552 ²⁾	InPro 3250 225 mm	Sensor length	40, 41		
		52 002 555 / 52 002 554 ²⁾	InPro 3250 325 mm	Sensor length	40, 41		
		52 002 557 / 52 002 556 ²⁾	InPro 3250 425 mm	Sensor length	40, 41		
		52 002 559 / 52 002 558 ²⁾	InPro 3250SG 120 mm	Sensor length, solution ground	40, 41		
		52 002 561 / 52 002 560 ²⁾	InPro 3250SG 225 mm	Sensor length, solution ground	40, 41		
		52 002 563 / 52 002 562 ²⁾	InPro 3250SG 325 mm	Sensor length, solution ground	40, 41		
		52 002 565 / 52 002 564 ²⁾	InPro 3250SG 425 mm	Sensor length, solution ground	40, 41		
		52 002 878	InPro 3250SG/ISM 120 mm	Sensor length, solution ground, Intelligent Sensor Management ¹⁾	40, 41		
		52 002 879	InPro 3250SG/ISM 225 mm	Sensor length, solution ground, Intelligent Sensor Management ¹⁾	40, 41		
		52 002 880	InPro 3250SG/ISM 325 mm	Sensor length, solution ground, Intelligent Sensor Management ¹⁾	40, 41		
		52 002 881	InPro 3250SG/ISM 425 mm	Sensor length, solution ground, Intelligent Sensor Management ¹⁾	40, 41		
		52 002 585	InPro 3251 120 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 586	InPro 3251 225 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 587	InPro 3252 120 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 588	InPro 3252 225 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 589	InPro 3252 250 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 567 / 52 002 566 ²⁾	InPro 3253 120 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 569 / 52 002 568 ²⁾	InPro 3253 225 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 570	InPro 3253 250 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 572 / 52 002 571 ²⁾	InPro 3253 325 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 574 / 52 002 573 ²⁾	InPro 3253 425 mm	Sensor length, pH sensitive glass	40, 41		
		52 002 577 / 52 002 576 ²⁾	InPro 3253SG 120 mm	Sensor length, solution ground, pH sensitive glass	40, 41		
		52 002 579 / 52 002 578 ²⁾	InPro 3253SG 225 mm	Sensor length, solution ground, pH sensitive glass	40, 41		
		52 002 581 / 52 002 580 ²⁾	InPro 3253SG 325 mm	Sensor length, solution ground, pH sensitive glass	40, 41		
		52 002 583 / 52 002 582 ²⁾	InPro 3253SG 425 mm	Sensor length, solution ground, pH sensitive glass	40, 41		
		52 002 882	InPro 3253SG/ISM 120 mm	Sensor length, solution ground, pH sensitive glass, Intelligent Sensor Management ¹⁾	40, 41		
		52 002 883	InPro 3253SG/ISM 225 mm	Sensor length, solution ground, pH sensitive glass, Intelligent Sensor Management ¹⁾	40, 41		
		52 002 884	InPro 3253SG/ISM 325 mm	Sensor length, solution ground, pH sensitive glass, Intelligent Sensor Management ¹⁾	40, 41		
		52 002 885	InPro 3253SG/ISM 425 mm	Sensor length, solution ground, pH sensitive glass, Intelligent Sensor Management ¹⁾	40, 41		
		52 005 373	InPro 3250i/120	Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
		52 005 374	InPro 3250i/225	Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
		52 005 375	InPro 3250i/325	Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
		52 005 376	InPro 3250i/425	Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
		52 005 377	InPro 3253i/120	Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
		52 005 378	InPro 3253i/225	Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
		52 005 379	InPro 3253i/325	Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
		52 005 380	InPro 3253i/425	Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
		52002988	InPro4260/225mm	InPro4260 family (product catalogue page 32, 33)			
				52 002 986 / 52 002 987 ²⁾	InPro 4260 120 mm	Sensor length	32, 33
				52 002 988 / 52 002 989 ²⁾	InPro 4260 225 mm	Sensor length	32, 33
				52 002 992 / 52 002 993 ²⁾	InPro 4260 425 mm	Sensor length	32, 33
				52 002 143 / 52 002 146 ²⁾	InPro 4250 120 mm	Sensor length, sensor filling Xerolyte	32, 33
				52 002 144 / 52 002 147 ²⁾	InPro 4250 225 mm	Sensor length, sensor filling Xerolyte	32, 33
				52 002 474 / 52 002 475 ²⁾	InPro 4250 360 mm	Sensor length, sensor filling Xerolyte	32, 33
				52 002 145 / 52 002 148 ²⁾	InPro 4250 425 mm	Sensor length, sensor filling Xerolyte	32, 33
				52 002 807	InPro 4250SG/ISM 120 mm	Sensor length, solution ground, Intelligent Sensor Management ¹⁾ , sensor filling Xerolyte	32, 33
				52 002 808	InPro 4250SG/ISM 225 mm	Sensor length, solution ground, Intelligent Sensor Management ¹⁾ , sensor filling Xerolyte	32, 33
				52 002 476	InPro 4251 225 mm	Sensor length, pH sensitive glass, sensor filling Xerolyte	32, 33
52 002 477	InPro 4252 120 mm			Sensor length, pH sensitive glass, sensor filling Xerolyte	32, 33		
52 002 478	InPro 4252 225 mm			Sensor length, pH sensitive glass, sensor filling Xerolyte	32, 33		
52 005 381	InPro4260i/120			Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
52 005 382	InPro4260i/225			Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
52 005 407	InPro4260i/425			Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management ¹⁾	28, 29		
52002127	InPro4800/225mm			InPro4800 family (product catalogue page 30,31)			
				52 002 124 / 52 002 125 ²⁾	InPro 4800 120 mm	Sensor length	30, 31
				52 002 126 / 52 002 127 ²⁾	InPro 4800 225 mm	Sensor length	30, 31
				52 002 129 / 52 002 130 ²⁾	InPro 4800 425 mm	Sensor length	30, 31
		52 002 805	InPro 4800SG/ISM 120 mm	Sensor length, solution ground, Intelligent Sensor Management ¹⁾	30, 31		
		52 002 806	InPro 4800SG/ISM 225 mm	Sensor length, solution ground, Intelligent Sensor Management ¹⁾	30, 31		
		52 002 131 / 52 002 132 ²⁾	InPro 4801SG	Sensor length, solution ground, pH sensitive glass	30, 31		
		52 002 718	InPro 4802	Sensor length, pH sensitive glass	30, 31		



52 005 383 InPro 4800i/120
 52 005 384 InPro 4800i/225
InPro 3100 family (product catalogue page 42,43)
 52 000 656 / 52 000 658²⁾ InPro 3100 120 mm
 52 002 531 / 52 002 752²⁾ InPro 3100UD 120 mm
 52 000 659 / 52 000 660²⁾ InPro 3100 150 mm
 52 000 661 / 52 000 662²⁾ InPro 3100 225 mm
 52 005 354 InPro 3100UD 225 mm
 52 000 663 / 52 000 664²⁾ InPro 3100 325 mm
 52 000 665 / 52 000 666²⁾ InPro 3100 425 mm

DXK family³⁾ (product catalogue page 36,37)
 10 405 4287IG HA405-DXK-S8 HA glass 120 mm
 10 405 4290 HA405-DXK-S8 HA glass 225 mm
 10 405 4465 HA405-DXK-S8 HA glass 425 mm
 10 405 4119 405-DXK-S8 A41 glass 120 mm
 10 405 4190 405-DXK-S8 A41 glass 225 mm
 11 405 3123 HF405-DXK-S8 HF glass 120 mm
 10 505 3288 Pt4805-DXK-S8 Pt 120 mm
 10 505 3255 Pt4805-DXK-S8 Pt 225 mm
 10 505 3329 Pt4805-DXK-S8 Pt 425 mm

DPA / DPAS family⁴⁾ (product catalogue page 38,39)
 10 405 4476IG HA-405-DPA-SC-S8 HA glass S8 Pg13.5 120 mm
 10 405 4477IG HA-405-DPA-SC-S8 HA glass S8 Pg13.5 225 mm
 10 405 4478IG HA-405-DPA-SC-S8 HA glass S8 Pg13.5 425 mm
 10 505 3339IG Pt4805-DPA-SC-S8 Pt S8 Pg13.5 120 mm
 10 505 3338IG Pt4805-DPA-SC-S8 Pt S8 Pg13.5 225 mm
 10 505 3340IG Pt4805-DPA-SC-S8 Pt S8 Pg13.5 425 mm
 10 405 4479 405-DPAS-SC-K8S A41 glass K8S Pg13.5 120 mm
 10 405 4480 405-DPAS-SC-K8S A41 glass K8S Pg13.5 200 mm
 10 405 4481 405-DPAS-SC-K8S A41 glass K8S Pg13.5 225 mm
 41 405 4485 405-DPAS-SC-K8S A41 glass K8S Pg13.5 250 mm
 10 405 4482 405-DPAS-SC-K8S A41 glass K8S Pg13.5 325 mm
 10 405 4483 405-DPAS-SC-K8S A41 glass K8S Pg13.5 425 mm
 11 405 3126 405-DPAS-SC-K8S A41 glass K8S Pg13.5 600 mm
 10 505 3334 Pt4805-DPAS-SC-K8S Pt K8S Pg13.5 120 mm
 10 505 3335 Pt4805-DPAS-SC-K8S Pt K8S Pg13.5 200 mm
 10 505 3336 Pt4805-DPAS-SC-K8S Pt K8S Pg13.5 225 mm
 10 505 3337 Pt4805-DPAS-SC-K8S Pt K8S Pg13.5 325 mm

Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management¹⁾ 28, 29
 Sensor length, solution ground, plug head (K8S with Pg 13.5), Intelligent Sensor Management¹⁾ 28, 29

Sensor length, pH sensitive glass, sensor filling Gel 42, 43
 Sensor length, pH sensitive glass, sensor filling Gel, upside down installation possible 42, 43
 Sensor length, pH sensitive glass, sensor filling Gel 42, 43
 Sensor length, pH sensitive glass, sensor filling Gel 42, 43
 Sensor length, pH sensitive glass, sensor filling Gel, upside down installation possible 42, 43
 Sensor length, pH sensitive glass, sensor filling Gel 42, 43
 Sensor length, pH sensitive glass, sensor filling Gel 42, 43

Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 36, 37
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 36, 37
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 36, 37
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 36, 37
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 36, 37
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 36, 37
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 36, 37
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 36, 37
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 36, 37

Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 38, 39
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 38, 39
 Sensor length, plug head (S8 with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 38, 39
 Sensor length, plug head (K8S with Pg 13.5), pH sensitive glass, sensor filling, for redox measurement 38, 39

Oxygen sensors

52200966 InPro6800/220mm
InPro 6800 family (product catalogue page 68, 69)
 52 200 964 InPro 6800 70 mm Straight VP
 52 200 965 InPro 6800 120 mm Straight VP
 52 200 966 InPro 6800 220 mm Straight VP
 52 200 967 InPro 6800 320 mm Straight VP
 52 200 968 InPro 6800 420 mm Straight VP
 52 200 969 InPro 6810 70 mm Angled VP
 52 200 970 InPro 6810 120 mm Angled VP
 52 200 971 InPro 6810 220 mm Angled VP
 52 200 972 InPro 6810 320 mm Angled VP
 52 200 973 InPro 6810 420 mm Angled VP
 52 201 012 InPro 6820 120 mm Straight T-82
 52 201 013 InPro 6820 220 mm Straight T-82
 52 201 014 InPro 6820 320 mm Straight T-82
 52 201 015 InPro 6820 420 mm Straight T-82
 52 201 016 InPro 6830 120 mm Angled T-82
 52 201 017 InPro 6830 220 mm Angled T-82
 52 201 018 InPro 6830 320 mm Angled T-82
 52 201 019 InPro 6830 420 mm Angled T-82
 52 206 118 InPro6850i/70
 52 206 119 InPro 6850i/120
 52 206 120 InPro 6850i/220
 52 206 121 InPro 6850i/320
 52 206 122 InPro 6850i/420

Sensor length 68, 69
 Sensor length 68, 69
 Sensor length 68, 69
 Sensor length 68, 69
 Sensor length 68, 69
 Sensor length, plug head angled 68, 69
 Sensor length, plug head angled 68, 69
 Sensor length, plug head angled 68, 69
 Sensor length, plug head angled 68, 69
 Sensor length, plug head angled 68, 69
 Sensor length, plug head 68, 69
 Sensor length, plug head 68, 69
 Sensor length, plug head 68, 69
 Sensor length, plug head 68, 69
 Sensor length, plug head, plug head angled 68, 69
 Sensor length, plug head, plug head angled 68, 69
 Sensor length, plug head, plug head angled 68, 69
 Sensor length, plug head, plug head angled 68, 69
 Sensor length, Intelligent Sensor Management¹⁾ 66, 67
 Sensor length, Intelligent Sensor Management¹⁾ 66, 67
 Sensor length, Intelligent Sensor Management¹⁾ 66, 67
 Sensor length, Intelligent Sensor Management¹⁾ 66, 67
 Sensor length, Intelligent Sensor Management¹⁾ 66, 67

InPro 6900 family (product catalogue page 72, 73)
 52 200 944 InPro 6900 70 mm Straight VP
 52 200 945 InPro 6900 120 mm Straight VP
 52 200 946 InPro 6900 220 mm Straight VP
 52 200 947 InPro 6910 70 mm Angled VP
 52 200 948 InPro 6910 120 mm Angled VP
 52 200 949 InPro 6910 220 mm Angled VP

Sensor length, measurement range 72, 73
 Sensor length, measurement range 72, 73
 Sensor length, measurement range 72, 73
 Sensor length, measurement range, plug head angled 72, 73
 Sensor length, measurement range, plug head angled 72, 73
 Sensor length, measurement range, plug head angled 72, 73



	52 206 097	InPro 6950 70 mm Straight VP	Sensor length, measurement range	72, 73
	52 206 098	InPro 6950 120 mm Straight VP	Sensor length, measurement range	72, 73
	52 206 099	InPro 6950 220 mm Straight VP	Sensor length, measurement range	72, 73
	52 206 101	InPro 6950 70 mm Angled VP	Sensor length, measurement range, plug head angled	72, 73
	52 206 102	InPro 6950 120 mm Angled VP	Sensor length, measurement range, plug head angled	72, 73
	52 206 103	InPro 6950 220 mm Angled VP	Sensor length, measurement range, plug head angled	72, 73
	52 206 127	InPro 6950i/70	Sensor length, measurement range, Intelligent Sensor Management ¹⁾	66, 67
	52 206 128	InPro 6950i/120	Sensor length, measurement range, Intelligent Sensor Management ¹⁾	66, 67
	52 206 129	InPro 6950i/220	Sensor length, measurement range, Intelligent Sensor Management ¹⁾	66, 67
	52 206 130	InPro 6950i/320	Sensor length, measurement range, Intelligent Sensor Management ¹⁾	66, 67
Turbidity sensors				
	52800217	InPro8200/205mm		
		InPro 8200 family (product catalogue page 104, 105)		
	52 800 216	InPro 8200 120 mm Stainless steel, Epoxy	Sensor length	104, 105
	52 800 217	InPro 8200 205 mm Stainless steel, Epoxy	Sensor length	104, 105
	52 800 218	InPro 8200 297 mm Stainless steel, Epoxy	Sensor length	104, 105
	52 800 219	InPro 8200 407 mm Stainless steel, Epoxy	Sensor length	104, 105
	52 800 220	InPro 8200 120 mm Hastelloy, Epoxy	Sensor length, shaft material C22	104, 105
	52 800 221	InPro 8200 205 mm Hastelloy, Epoxy	Sensor length, shaft material C23	104, 105
	52 800 222	InPro 8200 297 mm Hastelloy, Epoxy	Sensor length, shaft material C24	104, 105
	52 800 223	InPro 8200 407 mm Hastelloy, Epoxy	Sensor length, shaft material C25	104, 105
	52 800 224	InPro 8200/S/Kalrez 120 mm Stainless steel	Sensor length, o-ring material	104, 105
	52 800 225	InPro 8200/S/Kalrez 205 mm Stainless steel	Sensor length, o-ring material	104, 105
	52 800 226	InPro 8200/S/Kalrez 297 mm Stainless steel	Sensor length, o-ring material	104, 105
	52 800 227	InPro 8200/S/Kalrez 407 mm Stainless steel	Sensor length, o-ring material	104, 105
		InPro 8100 family (product catalogue page 102, 103)		
	52 800 205	InPro 8100 120 mm Stainless steel	Sensor length, measurement length	102, 103
	52 800 206	InPro 8100 205 mm Stainless steel	Sensor length, measurement length	102, 103
	52 800 207	InPro 8100 297 mm Stainless steel	Sensor length, measurement length	102, 103
	52 800 208	InPro 8100 407 mm Stainless steel	Sensor length, measurement length	102, 103
Conductivity sensors				
	52001998	InPro7001/225		
		InPro 7000 family (product catalogue page 120, 121)		
	52 001 997	InPro7001/120-VP 3.1	Sensor length	120, 121
	52 001 998	InPro7001/225-VP 3.1	Sensor length	120, 122
	240-222	Thornton ⁵⁾ conductivity sensor	Identical sensor design, but in the market under the Thornton ⁵⁾ brand	
	230-212	Thornton ⁵⁾ conductivity sensor	Identical sensor design, but in the market under the Thornton ⁵⁾ brand	

Notes:

- ¹⁾ ISM is an built in intelligence in the plug head (the same plug head as on standard sensors), i stands for new generation ISM together with a new plug head (K8S, the same Pg 13.5 thread and material)
- ²⁾ pH Sensors are available with pt 100 and pt 1000 temperature probe (integrated in the sensor)
- ³⁾ The DXK family has an other plug head (S8, the same Pg 13.5 thread and material) and no temperature compensation, it has a different polymer filling (solid polymer)
- ⁴⁾ The DPA/DPAS family has an other plug head (S8 or K8S, the same Pg 13.5 thread and material) and no temperature compensation, it has a gel filling (pre pressurized gel)
- ⁵⁾ The oxygen sensor InPro 8200 is also available with a DN25 cap nut similar to InFit 761, for direct mounting into the process (sensor and housing combined in one product)
- ⁶⁾ Thornton is our second brand beside Ingold under the umbrella of Mettler-Toledo. Thornton is leading in pure water treatment measurement.

