

Pressure Regulators

ID Number	Type of component	Supplier	Component Reference	Materials in contact with Gas	Supplier Cleaning Protocol	extra (CERN) Cleaning	Validation Test Reference Number	Accepted for Standard Systems	Accepted for MDT system	Accepted for TRT system	Last Data Update
C.001	Pressure Reducer and Regulator	Draeger-Tescom CERN store	SCEM 59.75.10.A	Body: Brass nickel plated, Seat: Teflon (optional: Peek or Vespel)	-hot (60 deg. C) ultrasonic bath with "soap"; -city water rinse in cold bath; -10 MOhm water rinse in 2-cascade bath; -brass passivation or stainless steel polish; -city water rinse in cold bath -10 MOhm water rinse in 2-cascade bath -N2 blow off on drying	non	2003	accepted	accepted	accepted	Jan 10, 04
C.002	Forward (and Back) Pressure Regulator (Range -1 <P2<150 mbar)	Dungs	FRU/FRS	Body: cast aluminum Membrane: NBR	Specified oil and grease free	Disassembled, Two consecutive US bath in Isopropyl alcohol	2016	accepted	not used	not accepted	May 5, 04
C.003	Forward (and Back) Pressure Regulator (Range -1 <P2<150 mbar)	Jeavons	Type: J125-S1 G 3/4"	Body: cast aluminum Membrane: NBR	Specified oil and grease free	Disassembled, parts cleaned in Preveffin	2035	acceptance pending	not used	not accepted	May 5, 04
C.004	Forward (and Back) Pressure Regulator (Range 40 <P2<2100 mbar)	FAIRCHILD	10' 133-3/8" J-Special Viton	Brass, Alu, Viton	non	Disassembled, Two consecutive US bath in Isopropyl alcohol	1043 1044, 2034	accepted only after CERN cleaning	accepted only after CERN cleaning	not accepted	May 5, 04
C.005	Forward Pressure Regulator (Range -5 <P2<520 mbar) Type ZM-R25	Zimmerli	ZM-R25S-6D- V50075 In	Body: Stainless steel Membrane: PTFE or Viton Joints: Viton	oil and grease free	non	1059	accepted	accepted	to be tested	Aug 3, 04

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E.001	Pressure Gauge	JAKO	SCEM 22.41.20.406.4	Brass, brazing flux	Waiting Cern store info.	non	not tested	accepted	accepted	accepted	Aug 3, 04
E.002	Pressure Gauge	Blondelle	SCEM 22.41.21....	"Tombac" 80% Copper, 20% Zinc. Welding etain	Degreased (Backing under vacuum) (Procedure ?)	non	2031	accepted	accepted	accepted	Jan 11, 04
E.003	Pressure transmitter (Gauge, low pressure only)	Sensortecnic	CTE/7000	SS 1.4305 (303) / nylon / silicone / silicon / epoxy	?	non	2026	accepted	not accepted	not accepted	Apr 14, 04
E.004	Pressure transmitter with ATEC Certificat	Trafag	Serie 33 or 8853	stainless steel	not yet availaible	non	2028	accepted	need to be tested before	not accepted	Apr 14, 04
E.005	Pressure transmitter (Gauge, high pressure)	Sensortecnic	CTE/8000	SS 1.4404 (316L) / Ceramique (AL2O3) Joint = NBR, EPDM or Viton	?	non	2027	accepted	accepted	accepted	Apr 14, 04
E.006	Pressure transmitter (absolute gauge)	Sensortecnic	BTE6000	SS 1.4305 (303L) Joint = NBR, EPDM or Viton	?	non	-	accepted	need to be tested before	to be tested	Mar 23, 04
E.007	Differential Pressure transmitter (very low pressure)	Sensortecnic	BTE5000	Aluminium / nylon / silicone / silicon / epoxy	?	non	-	accepted	need to be tested before	to be tested	Mar 23, 04