

Product Information

RTS 1000-PSC | RTS 2600-PSC | RTS 5200-PSC

Pressurisation systems with control unit PSC

The proven pressurisation systems series RTS by LANCIER Monitoring guard copper cables against penetrating water and thus prevent a deterioration of transmission quality.

The turn-key systems are equipped with compressor, air-dryer and air storage tank for a fully automatic operation.

All measured values and eventually occurring operational faults are displayed in plain text and by colour changes at the control unit „Pressurisation System Controller“ (PSC). They can be forwarded to an external operational center by different communication channels like e.g. Ethernet (TCP/IP), Mod-Bus or the LANCIER Tx-Bus. There the data is evaluated and visualised by the UMS system.



Technical Data

Pressurisation system type	RTS 1000-PSC	RTS 2600-PSC	RTS 5200-PSC
Output power (at cable pressure 0.5 bar)	1000 NI/h	2600 NI/h	5200 NI/h
Mounting capacity of air-flow meters	max. 10 FMA 200C	max. 30 FMA 200C	max. 50 FMA 200C
Compressor unit	VD 7/2	VD 28/2	VD 50/4
Operating voltage, 50 Hz	230 V, 1 phase	230/400 V, 3 phases	230/400 V, 3 phases
Current consumption of compressor, approx.	4.0 A	2.3 A	3.6 A
Working pressure On-Off	3.0 to 5.0 bar		
Output pressure	0 to 1.0 bar, others on request		
Dew-point of output air (typical)	> -20°C		
Ambient temperature limit	+1°C to +40°C		
Ambient humidity limit	0 to 90 % rel. humidity, non condensing		
Signal voltage	48 or 60 V DC		
Signal-LEDs (standard)	Operation (DC), Humidity monitoring off (F off), Test (system fault)		
Signal output (floating)	Fault (common signal A), common signal A = F, M, T		
Workplace-related emission value	68 dB(A)	63 dB(A)	63 dB(A)
Dimensions (width x depth x height)	600 x 400 x 880 mm	600 x 630 x 1330 mm	700 x 630 x 1760 mm
Weight	approx. 66 kg	approx. 135 kg	approx. 170 kg

Ordering Data

Pressurisation system RTS 1000-PSC with control unit PSC	Order-no. 075418.000
Pressurisation system RTS 2600-PSC with control unit PSC	Order-no. 075199.000
Pressurisation system RTS 5200-PSC with control unit PSC	Order-no. 075200.000
Accessories AC/DC power supply, 230 V AC/60 V DC	Order-no. 071662.000

LANCIER Monitoring GmbH
Gustav-Stresemann-Weg 11
48155 Münster, Germany
Tel. +49 (0) 251 674 999-0
Fax +49 (0) 251 674 999-99
mail@lancier-monitoring.de
www.lancier-monitoring.de