

SECURITON © Copyright by Securiton	Sampling point for ceiling duct (Set)		TD 004 023				1 / 1
SecuriRAS® Data Sheet Sampling point for ceiling duct (Set) d=21.2mm	Status	Date	Ind.	Mod. No.	Abbreviation	released	
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Description

Range:	BMS / SecuriRAS® ASD 535
Purpose:	For air sampling
Component of:	SecuriRAS® ASD 535

The Sampling point for ceiling duct (Set) is a complete aspirating set for integration into the PVC or ABS suction pipe d=25 mm. It is used for sampling air from a room e.g. in the case of false ceilings.

Mounting/Installation

The Sampling point for ceiling duct (Set) is integrated into the suction pipe.

The transmission from a stiff to flexible suction pipe can be carried out using various fittings. The parts in fig. 2 are used for this purpose.

For a stiff suction pipe made from **PVC material**, a **PVC threaded ring** with a M20 internal thread is pasted in the out of the fitting. The quick release fastener connection piece for the flexible polywell pipe is then screwed into the threaded ring.

If the stiff suction pipe is made from **halogen-free ABS material**, the procedure is the same as for PVC material. However, for the transition (threaded ring with an M20 internal thread), an **ABS threaded ring** is used.

The actual ceiling duct is also available in a stainless steel version.



Fig. 1 Sampling point for ceiling duct (Set)

The polywell pipe can be simply clicked into the quick release fastener connection piece, or - for maintenance and repair work - clicked out.

The respective suction opening is drilled directly into the ceiling duct.

Part numbers

Part description	Type No. SECURITON
Sampling point for ceiling duct (Set) ABS; SP M20 ABS Set	C0.102345
Sampling point for ceiling duct (Set) PVC; SP M20 PVC Set	C0.102344
V2A ceiling duct set, d=21.2-H202	50-0500075-01-01
ABS threaded ring M20	0.101678
PVC threaded ring M20	0.101677
Polywell pipe diam. 21,2	0.100505
Quick release fastener, straight	0.101627
Quick release fastener, angled	0.101624

Transition PVC or ABS fitting to polywell pipe and ceiling duct:

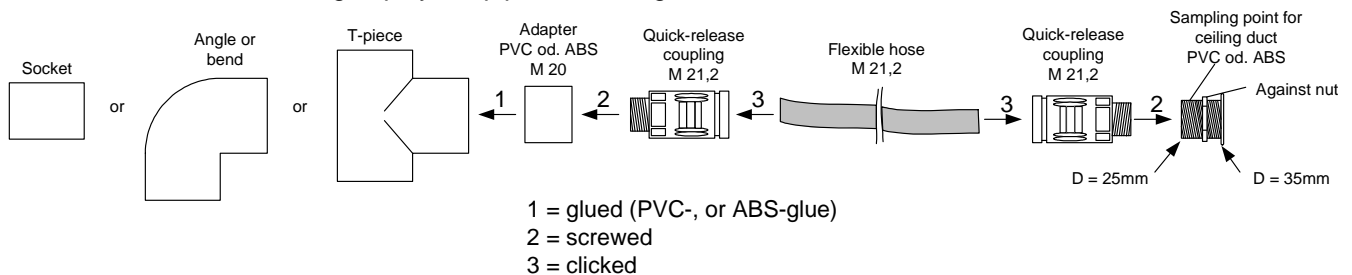
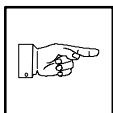


Fig. 2 Sampling point for ceiling duct (Set)



Notice

The interfaces on the polywell pipe must be made absolutely "clean" so that the sealing ring in the quick release fastener connection piece is not damaged.

When clicking in the polywell pipe, it should be ensured that the flexible pipe and the quick release fastener connection piece are pressed well against each other to prevent the infiltrated air being aspirated at these junctions. When commissioning the aspirating smoke detector, in principle the response characteristic should be examined considering the European Product Standard EN 54-20 or in accordance with the suction pipe calculation software "ASD PipeFlow"!

The polywell pipe length must be a max. 150cm in compliance with EN 54-20. If this is exceeded, the valid system limits must be reduced!