SIEMENS

product type designation	**ANT 12 antenna stainless steel, without cable**
	SIMATIC RF300/RF200 antenna ANT 12 stainless steel, -25...+70 °C, IP65, thread M12x1, length 40 mm; without connection cable.

suitability for operation	RF250R / RF350R / RF350M
radio frequencies	
transmission frequency / rated value	13.56 MHz
electrical data	
type of electrical connection / of the antenna	M8, 4-pin
design of plug-in connection	female
mechanical data	
material	Stainless steel V2A
color	Silver
tightening torque / of the screw for securing the equipment / maximum	3 N·m
mounting distance	
● relating to metal surfaces / recommended / minimum	0 m
ambient conditions	
ambient temperature	
● during operation	-25 ... +70 °C
● during storage	-40 ... +85 °C
● during transport	-40 ... +85 °C
protection class IP	IP67
shock acceleration	500 m/s²
vibrational acceleration	200 m/s²
design, dimensions and weights	
depth	40 mm
diameter	12 mm
net weight	15 g
fastening method	2 x stainless steel nuts M12 x 1
standards, specifications, approvals	
certificate of suitability	CE, cULus
certificate of suitability	
● IECEx	Yes
● for IECEx / as marking	the ATEX approval of the connected reader applies
reference code / according to IEC 81346-2:2019	TFB
accessories	
accessories	Antenna cable
further information / internet links	
internet link	
● to web page: selection aid TIA Selection Tool	https://support.industry.siemens.com/cs/ww/en/view/67384964
● to website: Industrial communication	http://www.siemens.com/ident/rfid
● to website: Industry Mall	https://mall.industry.siemens.com

● to website: Information and Download Center	http://www.siemens.com/industry/infocenter
● to website: Image database	http://automation.siemens.com/bilddb
● to website: CAx-Download-Manager	http://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com

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