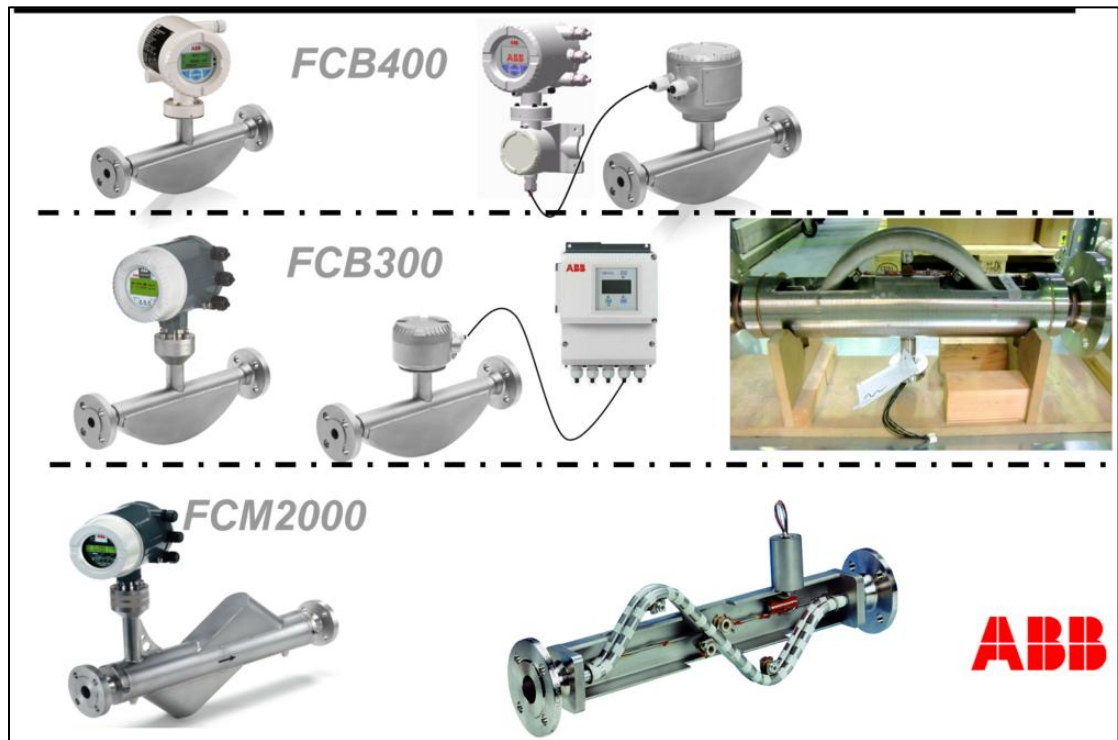


# 质量流量计

## 一、概述

ABB 仪器仪表以其专业领袖者的水平设计、制造及提供了一宽泛序列的测量、分析和控制解决方案，在全球范围内得到普遍认可。其提供的解决方案能够实现高水平且精确可靠的测量，并符合各个国际标准的认证。ABB 仪器仪表旗下的全球制造工厂、校准实验室及服务中心形成了一个完整的国际化网络，众多的专业工程师，为您提供满足您的需求的应用支持及服务。据此，ABB 远不止是一家仪器仪表供应商，它是协助您的企业成长、提高您企业竞争力的重要伙伴。

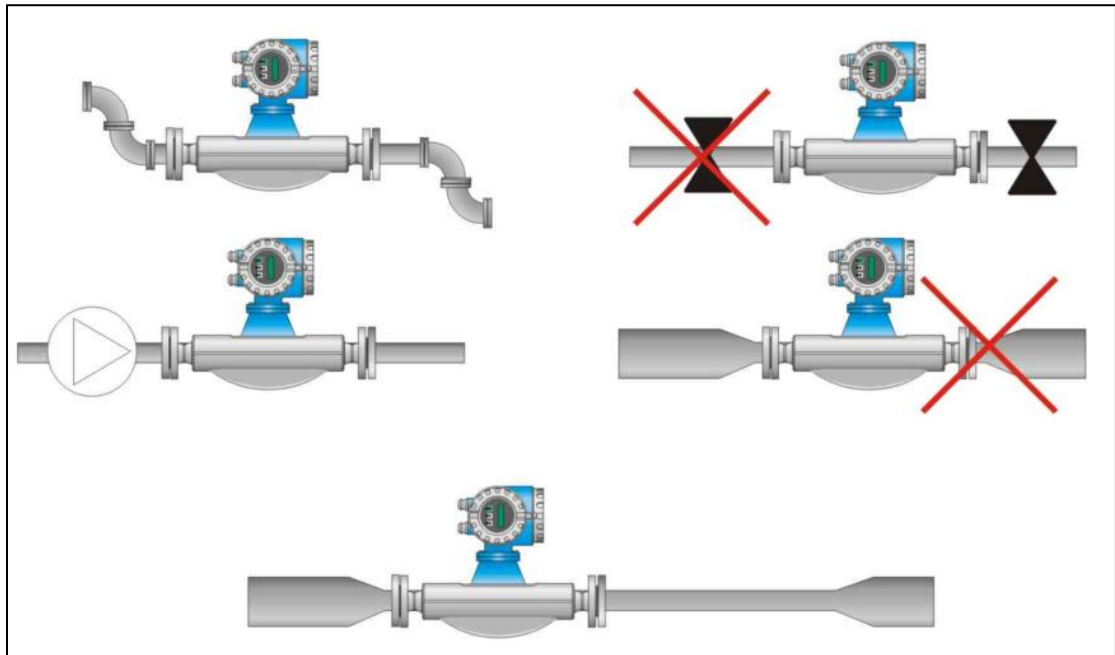
## 二、产品系类



## 三、工作原理



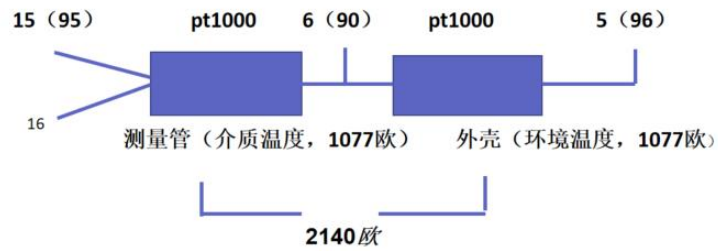
入口 / 出口



## 五、FCB300 传感器的测量值

		Remote	Integral	
Sensor DN15 (1/2")	Driver Coil	Terminals 91 - 92	Cable pin 10 - 20	37Ω ± 10%
	Sensor Coil A	Terminals 85 - 86	Cable pin 1 - 11	23Ω ± 10%
	Sensor Coil B	Terminals 87 - 88	Cable pin 3 - 13	23Ω ± 10%
Sensor DN25 (1")	Driver Coil	Terminals 91 - 92	Cable pin 10 - 20	37Ω ± 10%
	Sensor Coil A	Terminals 85 - 86	Cable pin 1 - 11	37Ω ± 10%
	Sensor Coil B	Terminals 87 - 88	Cable pin 3 - 13	37Ω ± 10%
Sensor DN50 (2")	Driver Coil	Terminals 91 - 92	Cable pin 10 - 20	50Ω ± 10%
	Sensor Coil A	Terminals 85 - 86	Cable pin 1 - 11	37Ω ± 10%
	Sensor Coil B	Terminals 87 - 88	Cable pin 3 - 13	37Ω ± 10%
Sensor DN80 (3")	Driver Coil	Terminals 91 - 92	Cable pin 10 - 20	65Ω ± 10%
	Sensor Coil A	Terminals 85 - 86	Cable pin 1 - 11	37Ω ± 10%
	Sensor Coil B	Terminals 87 - 88	Cable pin 3 - 13	37Ω ± 10%
Sensor DN100 (4")	Driver Coil	Terminals 91 - 92	Cable pin 10 - 20	85Ω ± 10%
	Sensor Coil A	Terminals 85 - 86	Cable pin 1 - 11	37Ω ± 10%
	Sensor Coil B	Terminals 87 - 88	Cable pin 3 - 13	37Ω ± 10%
Sensor DN150 (6")	Driver Coil	Terminals 91 - 92	Cable pin 10 - 20	85Ω ± 10%
	Sensor Coil A	Terminals 85 - 86	Cable pin 1 - 11	37Ω ± 10%
	Sensor Coil B	Terminals 87 - 88	Cable pin 3 - 13	37Ω ± 10%

	Remote	Integral		
IT+ vs IT-	95 - 96	15 - 5	Ca. 2140 $\Omega$	At 20°C ambient & medium tempereare
UT+ vs UT-	89 - 90	16 - 6	Ca. 1077 $\Omega$	At 20°C medium temperature (tube sensor)
UT- vs IT-	90 - 96	6 - 5	Ca. 1077 $\Omega$	At 20°C ambient temperature (housing sensor)
IT+ vs UT+	95 - 89	15 - 16	Ca. 0 $\Omega$ (shortcut)	At 20°C ambient & medium tempereare
	89 or 90, or 96 or 96 to any other terminal		Ca. 1 M $\Omega$	



## 六、 FCB400 系列



## 6.1 FCB400 传感器数据

		Remote	Integral	
Sensor DN15 (1/2")	Driver Coil	Cable pin 10 – 20	Cable pin 10 – 20	37Ω ± 10%
	Sensor Coil A	Cable pin 1 – 11	Cable pin 1 – 11	23Ω ± 10%
	Sensor Coil B	Cable pin 3 - 13	Cable pin 3 - 13	23Ω ± 10%
Sensor DN25 (1")	Driver Coil	Cable pin 10 – 20	Cable pin 10 – 20	37Ω ± 10%
	Sensor Coil A	Cable pin 1 – 11	Cable pin 1 – 11	37Ω ± 10%
	Sensor Coil B	Cable pin 3 - 13	Cable pin 3 - 13	37Ω ± 10%
Sensor DN50 (2")	Driver Coil	Cable pin 10 – 20	Cable pin 10 – 20	50Ω ± 10%
	Sensor Coil A	Cable pin 1 – 11	Cable pin 1 – 11	37Ω ± 10%
	Sensor Coil B	Cable pin 3 - 13	Cable pin 3 - 13	37Ω ± 10%
Sensor DN80 (3")	Driver Coil	Cable pin 10 – 20	Cable pin 10 – 20	65Ω ± 10%
	Sensor Coil A	Cable pin 1 – 11	Cable pin 1 – 11	37Ω ± 10%
	Sensor Coil B	Cable pin 3 - 13	Cable pin 3 - 13	37Ω ± 10%
Sensor DN100 (4")	Driver Coil	Cable pin 10 – 20	Cable pin 10 – 20	85Ω ± 10%
	Sensor Coil A	Cable pin 1 – 11	Cable pin 1 – 11	37Ω ± 10%
	Sensor Coil B	Cable pin 3 - 13	Cable pin 3 - 13	37Ω ± 10%
Sensor DN150 (6")	Driver Coil	Cable pin 10 – 20	Cable pin 10 – 20	85Ω ± 10%
	Sensor Coil A	Cable pin 1 – 11	Cable pin 1 – 11	37Ω ± 10%
	Sensor Coil B	Cable pin 3 - 13	Cable pin 3 - 13	37Ω ± 10%

	Remote	Integral		
IT+ vs IT-	15 - 5	15 - 5	Ca. 2140 Ω	At 20° C ambient & medium tempaure
UT+ vs UT-	16 – 6	16 – 6	Ca. 1077 Ω	At 20° C medium temperature (tube sensor)
UT- vs IT-	6 – 5	6 – 5	Ca. 1077 Ω	At 20° C ambient temperature (housing sensor)
IT+ vs UT+	15 - 16	15 - 16	Ca. 0 Ω (shortcut)	At 20° C ambient & medium tempaure