

SITRANS F M

Compact installation



MAG 6000 transmitter

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MAG 3100 sensor

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MAG 6000 compact mounted
on a MAG 3100 sensor

Example:

Sensor:	MAG 3100
Pipe size:	DN 100
Liner:	Neoprene
Electrodes:	SS 316
Cable glands:	Metric/M20
Terminal Box:	Polyamid Terminal Box
Flanges:	EN1092-1, PN 16
Transmitter:	MAG 6000 115/230V AC 50/60 HZ
Accuracy:	± 0.2 % ± 1 mm/s
Supply:	230 V
Build up code:	7ME6310-3TC11-1JA1

Transmitter and sensor will be delivered individually packed and the final assembly takes place during installation at the customer's place.

Practical ordering examples

SIEMENS

SITRANS F M

Remote installation
with conductivity > 20 uS/cm and short cable length



Wall bracket

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MAG 6000

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MAG 3100

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2 x Cable

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MAG 3100 remote installation

Example:

Sensor:	7ME6310-3TC11-1AA1
Pipe size:	DN 100
Liner:	Neoprene
Electrodes:	SS 316
Cable glands:	Metric/M20
Terminal box:	Polyamid terminal box EN1092-1, PN 16
Flanges:	
Transmitter:	7ME6920-1AA10-1AA0
Accuracy:	± 0.2 % ± 1 mm/s
Supply:	230 V
Wall mounting unit:	FDK-085U1018
Cable, coils 10 m.:	FDK-083F0121
Cable, electrodes 10 m.:	FDK-083F0121

Practical ordering examples

SIEMENS

SITRANS F M

Remote empty pipe installation (long cables) or low conductivity



Wall bracket

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MAG 6000

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MAG 3100

+



1 x Cable kit

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Example:

Sensor:	7ME6310-3TC11-1AA1
Pipe size:	DN 100
Liner:	Neoprene
Electrodes:	SS 316
Cable glands:	Metric/M20
Terminal box:	Polyamid terminal box
Flanges:	EN1092-1, PN 16
Transmitter:	7ME6920-1AA10-1AA0
Accuracy:	$\pm 0.2 \% \pm 1 \text{ mm/s}$
Supply:	230 V
Wall mounting unit:	FDK-085U1018
Cable kit: coil-cable 10 m. and electrode cable 10 m.:	A5E01181647

Note:

For liquids with low conductivity or long distances > 20 mts and Empty pipe detection we recommend use the special cable kit for electrode.

Practical ordering examples

SIEMENS

SITRANS F M

Remote, IP 68 installation



Example:

Sensor:	7ME6310-3TC11-1AA1
Pipe size:	DN 100
Liner:	Neoprene
Electrodes:	SS 316
Cable glands:	Metric/M20
Terminal box:	Polyamid terminal box
Flanges:	EN1092-1, PN 16
Transmitter:	7ME6920-1AA10-1AA0
Accuracy:	$\pm 0.2 \% \pm 1 \text{ mm/s}$
Supply:	230 V
Wall mounting unit:	FDK-085U1018
Cable kit: coil-cable 10 m. and electrode cable 10 m.:	A5E01181647
IP 68 potting kit:	FDK-085U0220

Practical ordering examples

SIEMENS

SITRANS F M

Compact Ex d installation



MAG 6000 I Ex d transmitter compact
mounted on MAG 3100 sensor.

Example:

Sensor:	MAG 3100 sensor
Pipe size:	DN 100
Liner:	PTFE
Electrodes:	Hastelloy C
Cable glands:	Metric/M20
Flanges:	EN1092-1, PN 16
Transmitter:	MAG 6000I Ex d
Accuracy:	$\pm 0.2\% \pm 1 \text{ mm/s}$
Supply:	24 V DC
Version:	Ex d
Build up code:	7ME6310-3TC13-2DA1

Practical ordering examples

SIEMENS

SITRANS F M

Food application installation + communication module



MAG 1100 F

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MAG 6000

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MAG 6000 compact mounted on MAG 1100F sensor.



Communication module

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Example:

Sensor:	MAG 1100 F
Pipe size:	DN 25
Liner:	PFA
Electrodes:	Hastelloy C
Cable glands:	Metric/M20
Terminal box:	Polyamid terminal box
Connection:	Sanitary, weld in adaptor DIN 11850
Gasket:	EPDM
Transmitter:	MAG 6000
Accuracy:	$\pm 0.2 \% \pm 1 \text{ mm/s}$
Supply:	230 V
Communication module:	Profibus DP
Version:	Profile 3
Build up code:	7ME6140-2DB10-1JG1

Transmitter and sensor will be delivered individually packed and the final assembly takes place during installation at the customer's place.

Practical ordering examples

SIEMENS