



SENSORS

PROCESS SENSORS:

	Code		Signal type	
			S-BUS	Contact
	303003001	<p>Heating pipes temperature sensor.</p> <ul style="list-style-type: none"> • Measuring range: 0°C ÷ +130°C (32°F ÷ 266°F) • Sensor thread: G½" male • Sensor length: 60mm. • Ingress protection: IP53 (NEMA 3) 	✓	
	303003009	<p>Hot buffer segment temperature sensor.</p> <ul style="list-style-type: none"> • Measuring range: 0°C ÷ +130°C (32°F ÷ 266°F) • Sensor thread: G½" male • Sensor length: 300mm. • Ingress protection: IP53 (NEMA 3) 	✓	
	303003003	<p>Pressure sensor.</p> <ul style="list-style-type: none"> • Measuring range: -1bar ÷ +15 bar. • 4 m cable (4x0.22) (junction box not supplied) • Sensor thread: G¼" male • Ingress protection: IP50 (NEMA 2) 	✓	
	303003004	<p>EC and pH sensor completed of:</p> <ul style="list-style-type: none"> • EC+temperature sensor, EC measuring range 0mS/cm ÷ 15mS/cm, temperature measuring range: 0°C ÷ +50°C (32°F ÷ 122°F), cable length: 4 m. • pH sensor, measuring range: 0pH ÷ 14pH, cable length: 1.5 m. • Plastic box with S-BUS interface, dimension 300 x 120 x 100 mm, wall mounting. • EC sensor holder with male thread G1" ¼ • pH sensor holder with male thread G½" 	✓	
	303003005	<p>Vent angular position with electronic gyroscope measuring principle.</p> <ul style="list-style-type: none"> • Measuring range 360° continuous. • Ingress protection: IP53 (NEMA 3) • Cable entries: PG13.5 • Plastic box 80x120x55. Box mounted on a stainless steel plate equipped with holes for fixing on the vent. 	✓	


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PROCESS SENSORS:

	Code		Signal type	
			S-BUS	Contact
	303003006	<p>Tank water level sensor.</p> <ul style="list-style-type: none"> • Measuring range: 0 ÷ 10m water height, 1 cm resolution. • Plastic box 80x120x55 with S-BUS interface box. The box is mounted on a stainless steel plate with holes for wall mounting. • Submersible sensor with 15m of cable already connected to the interface box. • Ingress protection: IP53 (NEMA 3) • Cable entry from controller: PG13.5 	✓	
	303003008	<p>ON/OFF water level sensor.</p> <ul style="list-style-type: none"> • Cable length: 10m 		✓

IRRIGATION LINE FLOW SENSOR – FOR METALLIC PIPES:

Flow sensor with collar for mounting on metal pipes

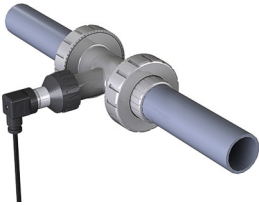
	Code	Pipe DN	External pipe diameter MIN (mm)	External pipe diameter MAX (mm)	Signal type	
					S-BUS	Contact
	303004015	DN80	88	104		✓
	303004016	DN100	112	126		✓
	303004017	DN125	140	154		✓
	303004018	DN150	168	184		✓
	303004019	DN200	218	234		✓
	303004020	DN250	272	286		✓
	303004021	DN300	322	344		✓
	303004022	DN350	356	384		✓
	303004023	DN400	425	458		✓
	303004024	DN450	475	516		✓

Connection cable: 3 wires, max.section 1 mm², max.length 100m

SENSORS

IRRIGATION LINE FLOW SENSOR – FOR PVC PIPES - T-FITTING SOLVENT CEMENT:

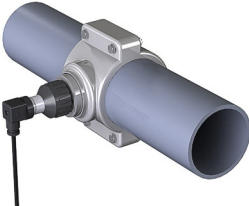
Irrigation line flow sensor for PVC pipes, solvent cement version

	Code	Pipe external diameter	Signal type	
			S-BUS	Contact
	167121	20 mm		✓
	167120	25 mm		✓
	167119	32 mm		✓
	167016	40 mm		✓
	167017	50 mm		✓

Connection cable: 3 wires, max.section 1 mm², max.length 100m

IRRIGATION LINE FLOW SENSOR – FOR PVC PIPES – SADDLE CLAMP:

Irrigation line flow sensor for PVC pipes, saddle clamp version

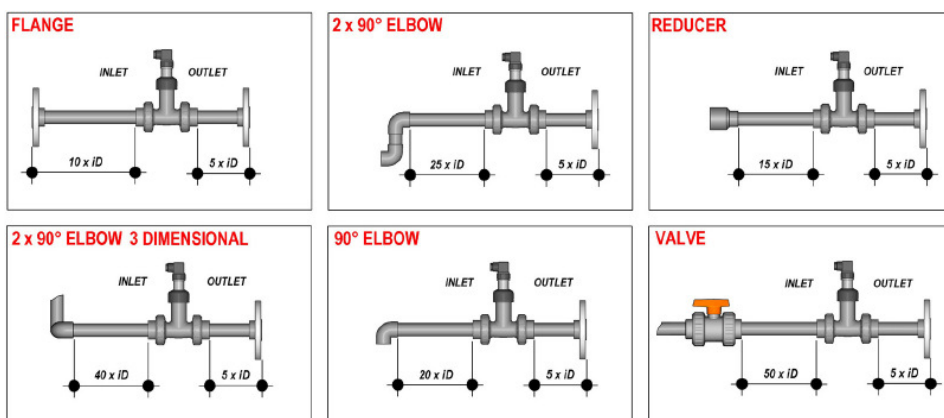
	Code	Pipe external diameter	Signal type	
			S-BUS	Contact
	167018	63 mm		✓
	167019	75 mm		✓
	167020	90 mm		✓
	167021	110 mm		✓
	167022	125 mm		✓
	167023	140 mm		✓
	167024	160 mm		✓
	167182	200 mm		✓
	167183	225 mm		✓

Connection cable: 3 wires, max.section 1 mm², max.length 100m

IRRIGATION LINE FLOW SENSOR – INFORMATION:

Minimum distances of rectilinear pipe to be observed before and after the flow sensor:

iD = Inner pipe diameter in mm



Mounting orientation:

