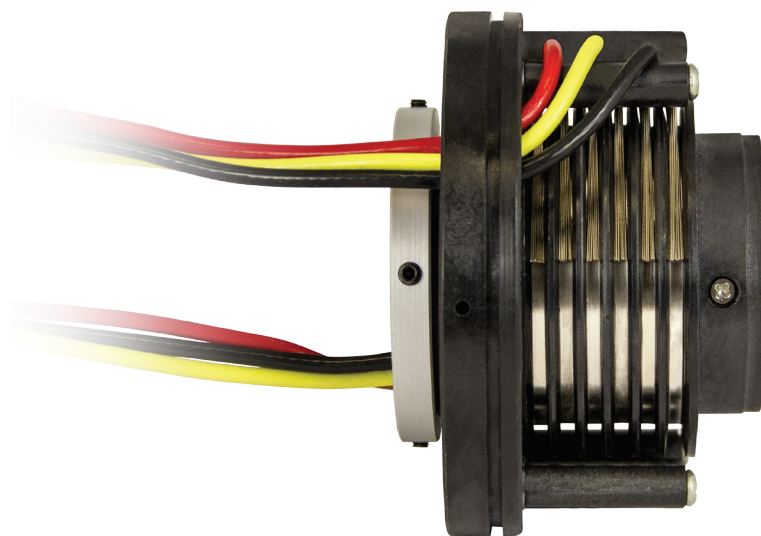


SVTS E Series

Naked Slip Rings



COST-EFFECTIVE



THROUGH-BORE



EASY INTEGRATION

The naked E series Slip Rings, are a compact solution that provide high performance keeping the costs down. Available with through holes with diameters ranging from 25 mm to 60 mm and currents from 20 A to 60 A.

The affordable rotary joints of the E series are ideal for integrating into machine structures where there are no particular risks of contamination.

Benefits

Cost-effective

Easy integration

Product code (detailed coding system on page 9)

1	2	3	4	5	6	7	8	9	10
SVTS	E	BB	- C -	D -	EE	/ FF -	GGGG	/ HHHH -	II - XXX

- | | | | | |
|----------|---------------------------|-------------------|-------------------------------|----------------------------------|
| 1 Family | 3 Protection ¹ | 5 Power circuits | 7 Cable length - brushes side | 9 Temperature range ² |
| 2 Series | 4 Flange types | 6 Signal circuits | 8 Cable length - rings side | 10 Special options ³ |

¹ IP00 [R]² Standard [ST]³ 20A circuits [001]; 40A circuits [002]; 60A circuits [003]

Main applications

Wind turbines

Rotating billboards

Rotary tables

Cable reels

Palletisers

Features

Current

Power

20A: 1xAWG14 (each circuit)
 40A: 2xAWG14 (each circuit)
 60A: 3xAWG14 (each circuit)

Signals

2A: AWG26

Voltage

400 VAC/DC

Cables

Tin plated - PVC insulation

Cables length

Standard: 500mm; custom cable length increase possible as multiples of 500mm

Insulation resistance

> 1000 MΩ/500 VDC

Nominal speed

300 rpm (higher speed upon request)

Dynamic contact resistance

< 0.01Ω

Bearings

Steel

Housing

ABS (hard plastic)

Temperature

-20°C +80°C

Protection

IP00

Expected lifetime

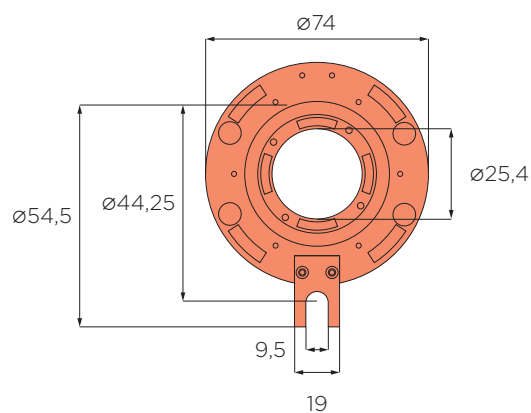
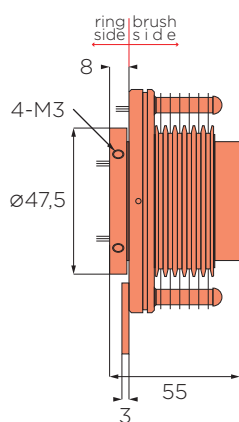
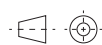
10⁸ revolutions
 (depending on speed, environmental conditions and size)

SVTS E 01

[illegible]

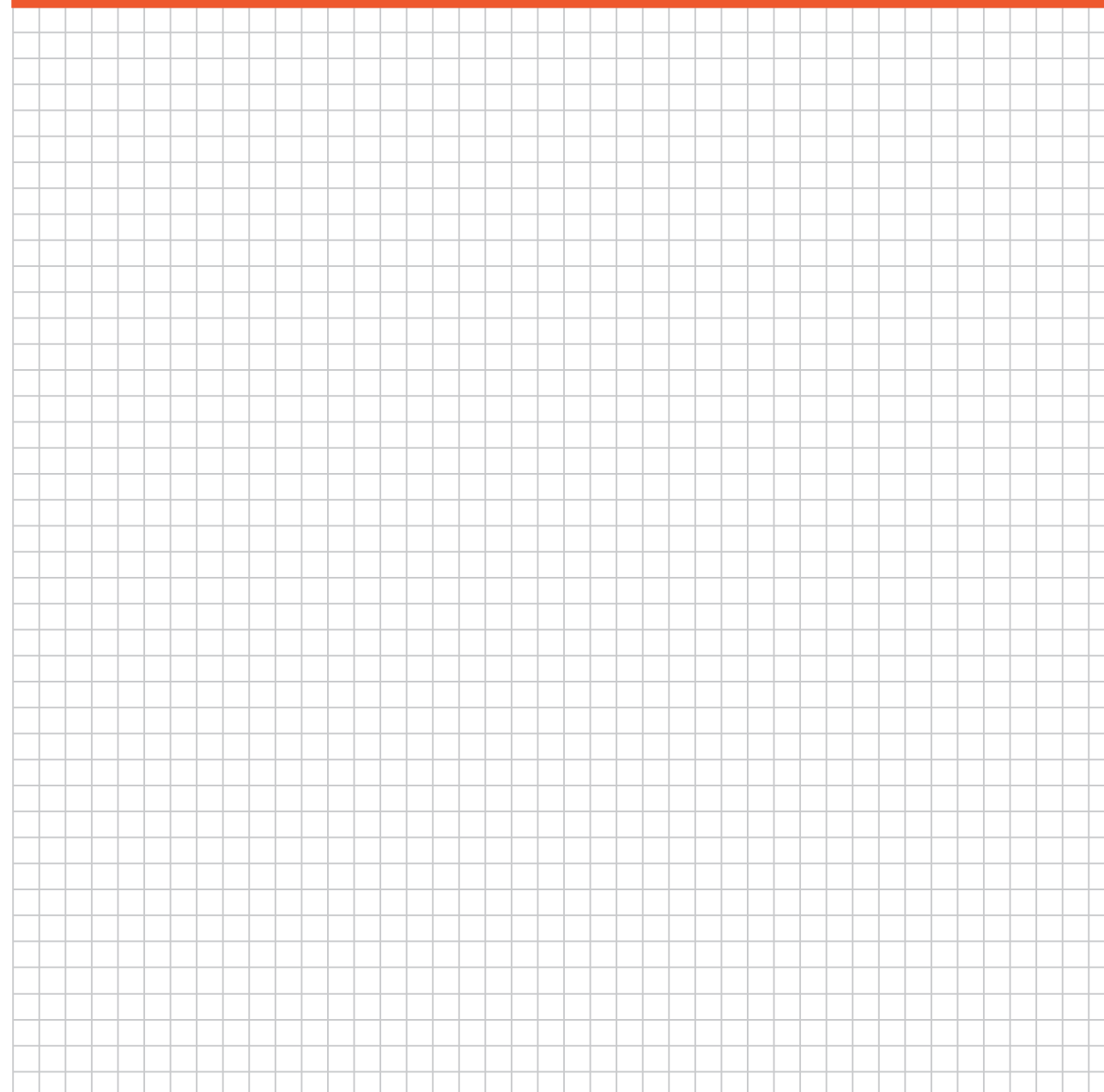
Transmission of	
Electric	Fluidic (combined solutions)
Signals	Air
Power	Oil
	Gas
	Water

Customisations		
Cables		



SVTS E 01

Custom cable length increase possible as multiples of 500mm



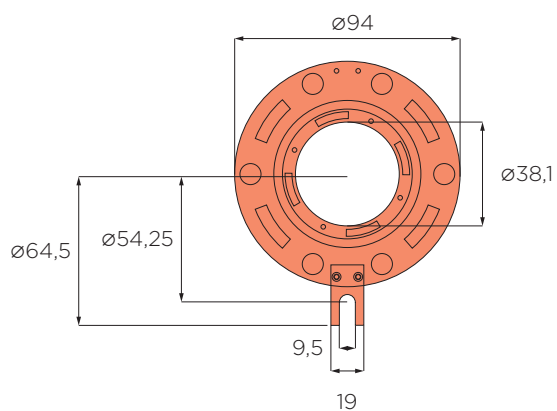
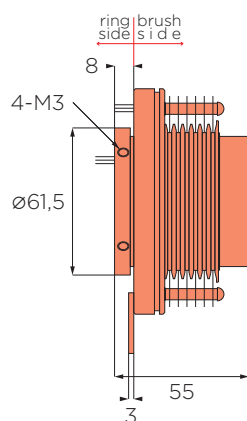
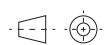
All dimensions in millimeters, unless otherwise specified

SVTS E 02

[illegible]

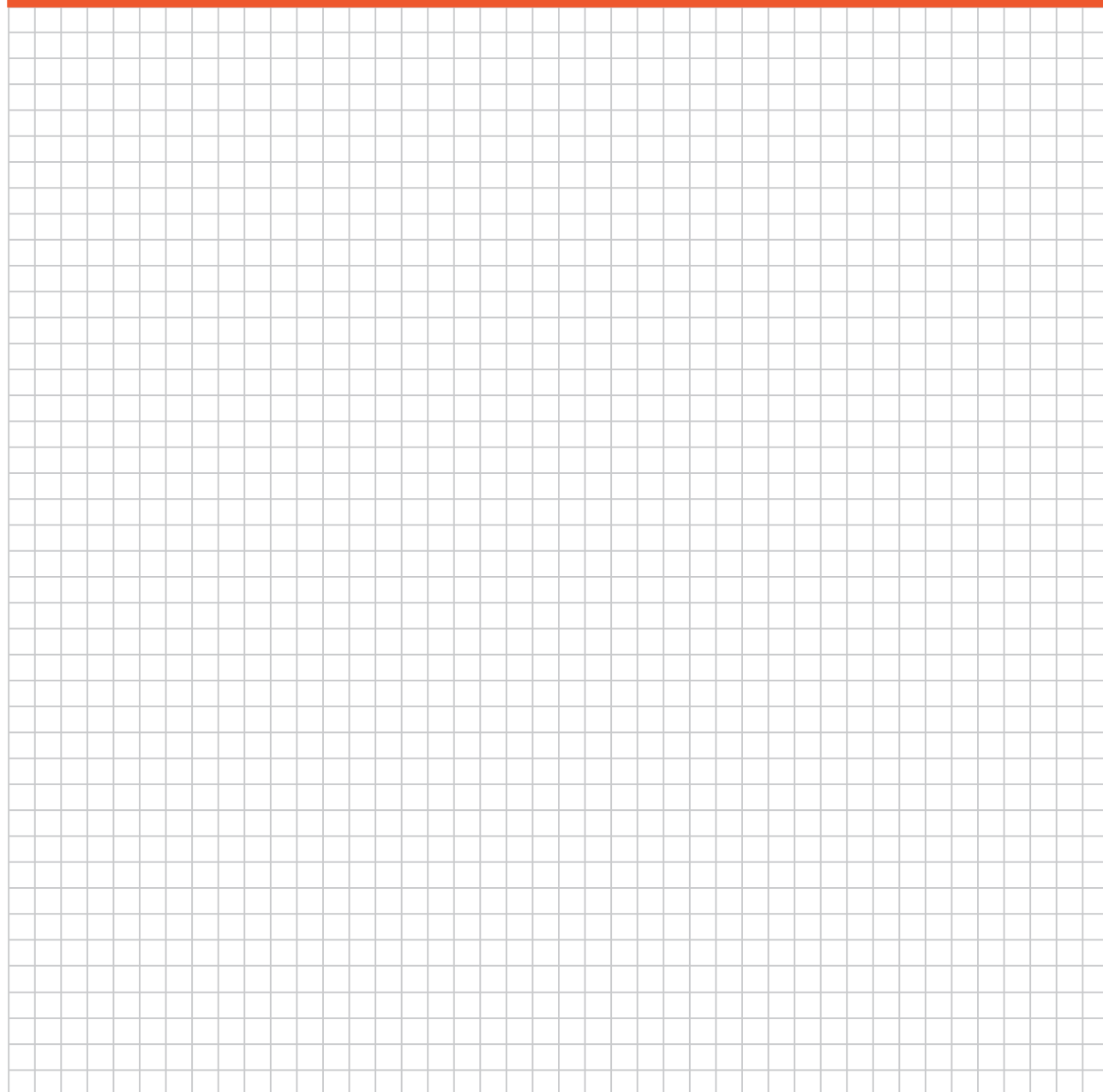
Transmission of	
Electric	Fluidic (combined solutions)
Signals	Air
Power	Oil
	Gas
	Water

Customisations		
Cables		



SVTS E 02

Custom cable length increase possible as multiples of 500mm



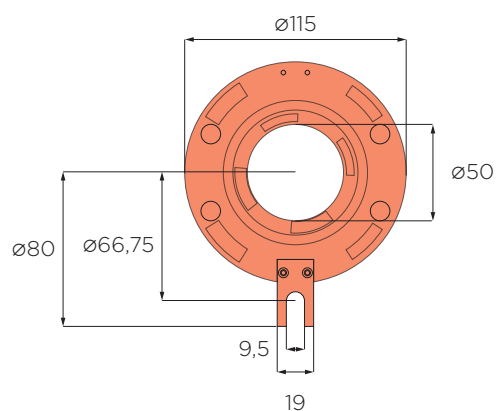
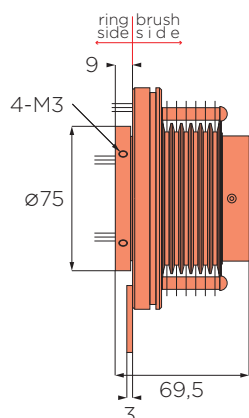
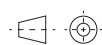
All dimensions in millimeters, unless otherwise specified

SVTS E 03

[illegible]

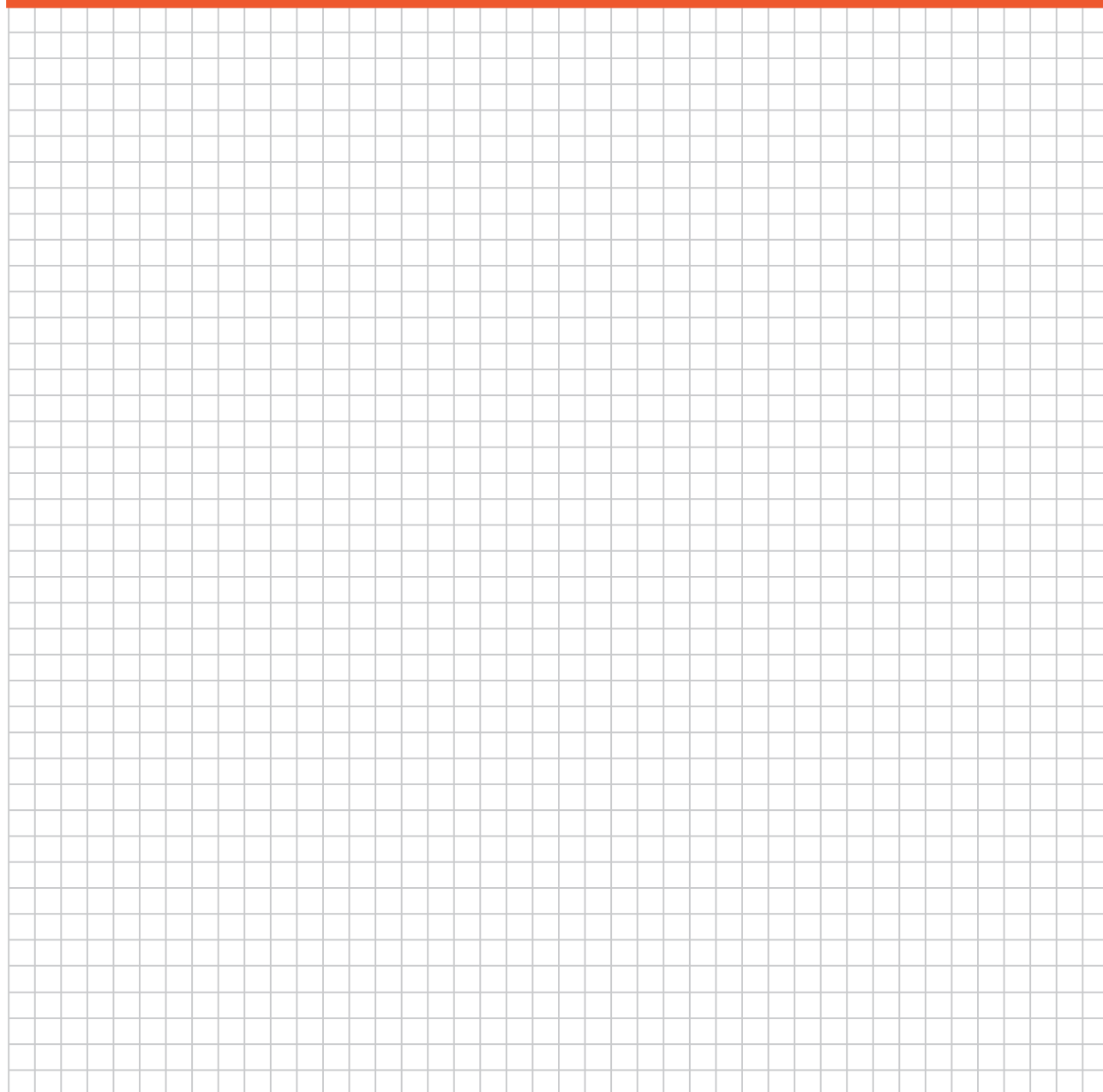
Transmission of	
Electric	Fluidic (combined solutions)
Signals	Air
Power	Oil
	Gas
	Water

Customisations		
Cables		



SVTS E 03

Custom cable length increase possible as multiples of 500mm



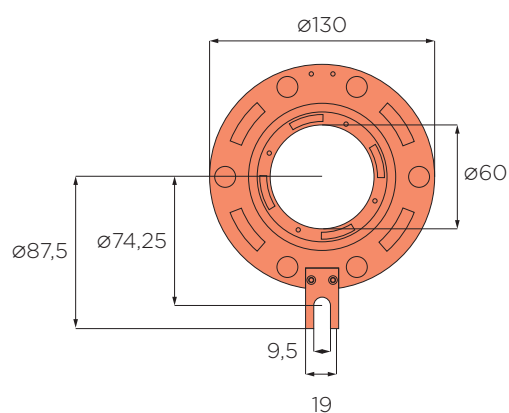
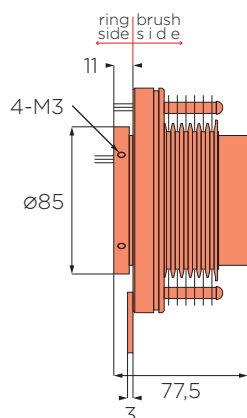
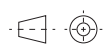
All dimensions in millimeters, unless otherwise specified

SVTS E 04

[illegible]

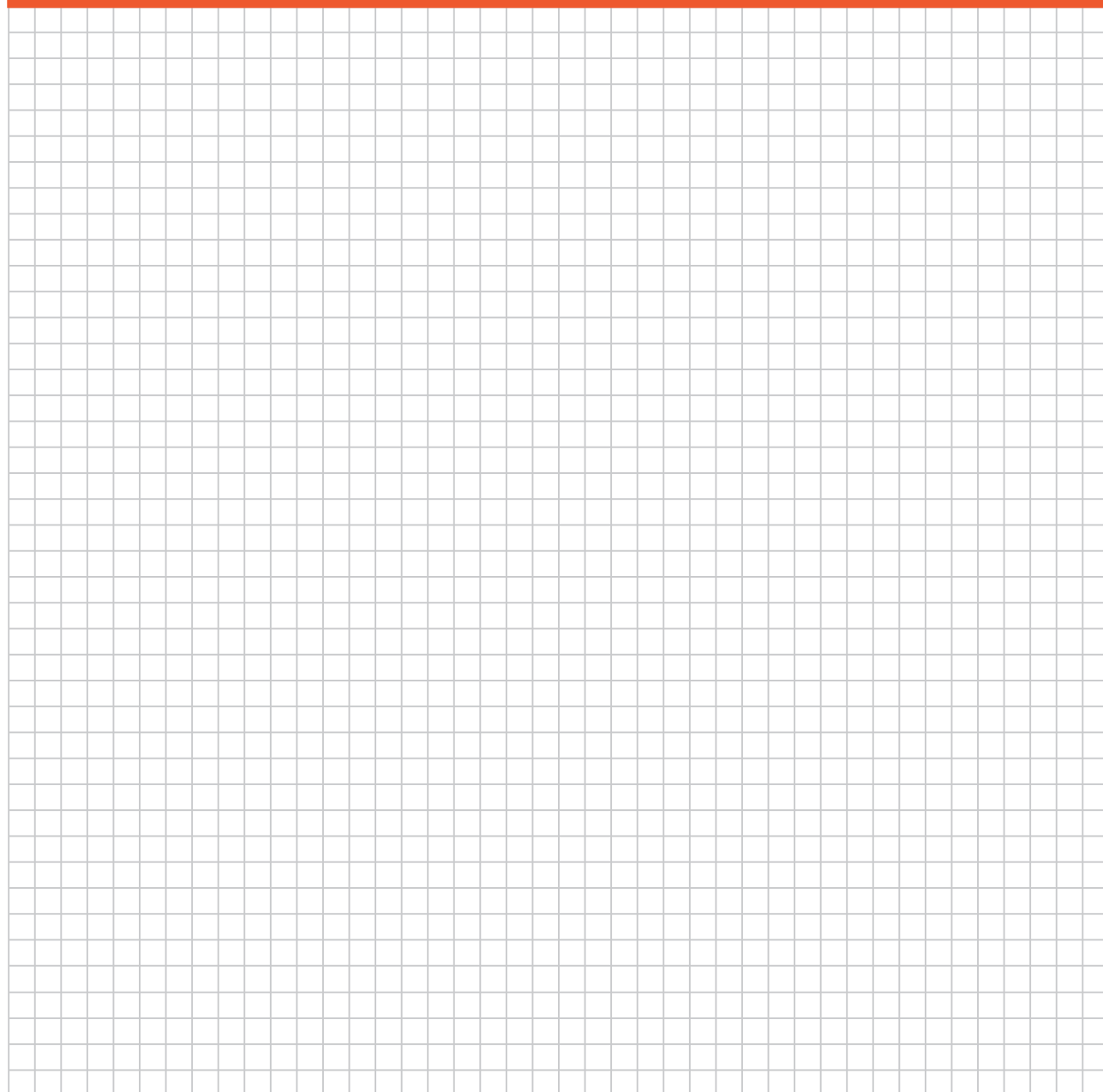
Transmission of	
Electric	Fluidic (combined solutions)
Signals	Air
Power	Oil
	Gas
	Water

Customisations		
Cables		



SVTS E 04

Custom cable length increase possible as multiples of 500mm



All dimensions in millimeters, unless otherwise specified