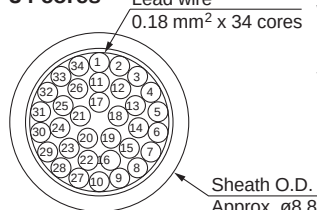


Series SY3000/5000 câblage SY30M-14-4A

Electrical Wiring Specifications

Lead wire

34 cores



If alignment is not specified, the internal wiring is double wiring (connected to SOL. a and SOL. b) regardless of number of stations, valve and option types.

Electrical characteristics

Item	Property
Conductor resistance /km, 20°C	143 or less
Voltage limit V, 1 minute, AC	2000
Insulation resistance M/km, 20°C	10 or more



Note) Cannot be used for movable wiring. The minimum bending radius of the cable is 55 mm.

		Lead wire no.		Polarity		Lead wire colour	Printed mark (Both sides)	
							Type	Colour
Station 1	SOL.a	1	(-)	(+)		Orange	—	Red
	SOL.b	2	(-)	(+)				Black
Station 2	SOL.a	3	(-)	(+)		Light Grey	—	Red
	SOL.b	4	(-)	(+)				Black
Station 3	SOL.a	5	(-)	(+)		White	—	Red
	SOL.b	6	(-)	(+)				Black
Station 4	SOL.a	7	(-)	(+)		Yellow	—	Red
	SOL.b	8	(-)	(+)				Black
Station 5	SOL.a	9	(-)	(+)		Pink	—	Red
	SOL.b	10	(-)	(+)				Black
Station 6	SOL.a	11	(-)	(+)		Orange	---	Red
	SOL.b	12	(-)	(+)				Black
Station 7	SOL.a	13	(-)	(+)		Light Grey	---	Red
	SOL.b	14	(-)	(+)				Black
Station 8	SOL.a	15	(-)	(+)		White	---	Red
	SOL.b	16	(-)	(+)				Black
Station 9	SOL.a	17	(-)	(+)		Yellow	---	Red
	SOL.b	18	(-)	(+)				Black
Station 10	SOL.a	19	(-)	(+)		Pink	---	Red
	SOL.b	20	(-)	(+)				Black
Station 11	SOL.a	21	(-)	(+)		Orange	----	Red
	SOL.b	22	(-)	(+)				Black
Station 12	SOL.a	23	(-)	(+)		Light Grey	----	Red
	SOL.b	24	(-)	(+)				Black
Station 13	SOL.a	25	(-)	(+)		White	----	Red
	SOL.b	26	(-)	(+)				Black
Station 14	SOL.a	27	(-)	(+)		Yellow	----	Red
	SOL.b	28	(-)	(+)				Black
Station 15	SOL.a	29	(-)	(+)		Pink	----	Red
	SOL.b	30	(-)	(+)				Black
Station 16	SOL.a	31	(-)	(+)		Orange	-----	Red
	SOL.b	32	(-)	(+)				Black
COM.		33	(+)	(-)		Light Grey	-----	Red
COM.		34	(+)	(-)				Black
			Positive common	Negative common				

Positive common Negative common



Note) For negative common specification, a valve for negative common or a valve without polarity should be used.

Specified Layout

Mixed wiring of single and double wiring can be specified on the manifold specification. The maximum number of stations is determined according to the number of solenoids. The total number of solenoids should be 32 or less. 1 solenoid is required for 2-position single, and 2 solenoids for 2-position double, 3-position and 4-position.



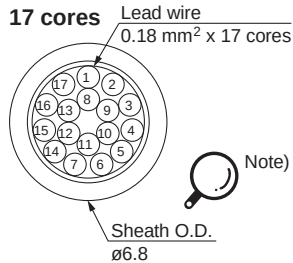
AVIGNON Tél. 04 32 75 11 74
GRENOBLE Tél. 04 76 53 36 36
LYON Tél. 04 78 70 01 05
MARSEILLE Tél. 04 42 02 64 64
VALENCE Tél. 04 75 75 99 00

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Electrical Wiring Specifications

Lead wire

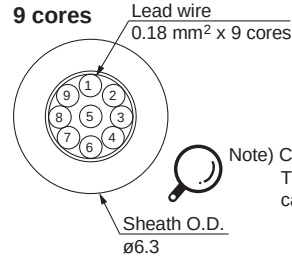


Note) Cannot be used for movable wiring.
The minimum bending radius of the cable is 45 mm.

Lead wire no.		Polarity	
Station 1	SOL.a	1	(-) (+)
	SOL.b	2	(-) (+)
Station 2	SOL.a	3	(-) (+)
	SOL.b	4	(-) (+)
Station 3	SOL.a	5	(-) (+)
	SOL.b	6	(-) (+)
Station 4	SOL.a	7	(-) (+)
	SOL.b	8	(-) (+)
Station 5	SOL.a	9	(-) (+)
	SOL.b	10	(-) (+)
Station 6	SOL.a	11	(-) (+)
	SOL.b	12	(-) (+)
Station 7	SOL.a	13	(-) (+)
	SOL.b	14	(-) (+)
Station 8	SOL.a	15	(-) (+)
	SOL.b	16	(-) (+)
	COM.	17	(+) (-)

Positive common
Negative common

Lead wire colour	Printed mark (Both sides)	
	Type	Colour
Orange	—	Red
		Black
Light Grey	—	Red
		Black
White	—	Red
		Black
Yellow	—	Red
		Black
Pink	—	Red
		Black
Orange	—	Red
		Black
Light Grey	—	Red
		Black
White	—	Red
		Black
Yellow	—	Red



Note) Cannot be used for movable wiring.
The minimum bending radius of the cable is 40 mm.

Lead wire no.		Polarity	
Station 1	SOL.a	1	(-) (+)
	SOL.b	2	(-) (+)
Station 2	SOL.a	3	(-) (+)
	SOL.b	4	(-) (+)
Station 3	SOL.a	5	(-) (+)
	SOL.b	6	(-) (+)
Station 4	SOL.a	7	(-) (+)
	SOL.b	8	(-) (+)
	COM.	9	(+) (-)

Positive common
Negative common

Lead wire colour	Printed mark (Both sides)	
	Type	Colour
Orange	—	Red
		Black
Light Grey	—	Red
		Black
White	—	Red
		Black
Yellow	—	Red
		Black
Pink	—	Red

Electrical characteristics

Item	Property
Conductor resistance /km, 20°C	143 or less
Voltage limit V, 1 minute, AC	2000
Insulation resistance M/km, 20°C	10 or more

Note) For negative common specification, a valve for negative common or a valve without polarity should be used.



AVIGNON Tél. 04 32 75 11 74
GRENOBLE Tél. 04 76 53 36 36
LYON Tél. 04 78 70 01 05
MARSEILLE Tél. 04 42 02 64 64
VALENCE Tél. 04 75 75 99 00

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