

PNEUMO-ELECTRIC SIGNAL TRANSDUCER

The pneumo-electric signal transducer is a device that **controls the interruption of the pneumatic signal after tightening and converts this into an electrical signal.**

It is positioned on pick-up signal device of the air motor.

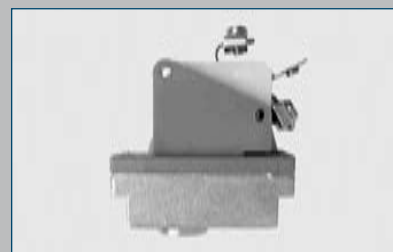
Component	Model	Description
16	TRS	Pneumo-electric signal transducer

TECHNICAL FEATURES

DEGREE OF PROTECTION: IP200, IP20 WITH PROTECTIVE HOOD

OPERATING PRESSURE: 0-8 BAR

MAX SWITCHING FREQUENCY: 1Hz



Pneumo-electric signal transducer

SCREW PASSAGE SENSOR

This sensor is a device for controlling the screw passage sensor along the feed hose. Depending on application needs of the customer, besides the basic model, it is available also with 2 special versions:

- **Annular sensor with 100ms delay**
depending on the position of the sensor on the machine in respect to the work cycle
- **Embedded annular screw passage sensor**
ideal with very small screws and with particular material, it guarantees a **more accurate reading** thanks to its shape along the screw passage hose.
Moreover, in presence of systems that feed more screws, this sensor is **totally shielded** and isn't influenced by other sensors positioned nearby. It is supplied with cable (5 mt).

Component	Model	Description
17	SPV	Screw passage sensor
17	SPV - 100 SM	Screw passage sensor – RIT 100ms
17	SPV - S	Embedded screw passage sensor



Screw passage sensor



Embedded screw passage sensor

SCREW FEED HOSES

The rubber screw feed hoses **convey the screw** from the selector to the screw head.

Extremely sturdy and with ideal diameter for a quick screw passage, they are available in 2 versions depending on the flexibility of the application:

- **hard model:** they guarantee extreme speed to the screw passage; they are used when the cables must not bend or adapt to the configuration of the machine.
- **flexible shape memory models:** softer and more versatile, they adapt and remain in the initial configuration.

Component	Model	Description
18	TMV 4x6	Screw feed hose 4x6 (ø int. x ø ex.)
18	TMV 5x8	Screw feed hose 5x8 (ø int. x ø ex.)
18	TMV 6x8	Screw feed hose 6x8 (ø int. x ø ex.)
18	TMV 6,5x10	Screw feed hose 6,5x10 (ø int. x ø ex.)
18	TMV 7x10	Screw feed hose 7x10 (ø int. x ø ex.)
18	TMV 8x10	Screw feed hose 8x10 (ø int. x ø ex.)
18	TMV 9x12	Screw feed hose 9x12 (ø int. x ø ex.)
18	TMV 10x12	Screw feed hose 10x12 (ø int. x ø ex.)
18	TMV 12x16	Screw feed hose 12x16 (ø int. x ø ex.)
18	TMV 14x16	Screw feed hose 14x16 (ø int. x ø ex.)

Component	Model	Description
18	TMV MF 6x10,5	Memory shape screw feed hose 6 x 10,5 (ø int. x ø ex.)
18	TMV MF 7x12,5	Memory shape screw feed hose 7 x 12,5 (ø int. x ø ex.)
18	TMV MF 8x14	Memory shape screw feed hose 8 x 14 (ø int. x ø ex.)
18	TMV MF 9x14,3	Memory shape screw feed hose 9 x 14,3 (ø int. x ø ex.)
18	TMV MF 10x15,7	Memory shape screw feed hose 10x15,7 (ø int. x ø ex.)
18	TMV MF 11x17	Memory shape screw feed hose 11 x 17 (ø int. x ø ex.)
18	TMV MF 13x19	Memory shape screw feed hose 13 x 19 (ø int. x ø ex.)
18	TMV MF 14x20	Memory shape screw feed hose 14 x 20 (ø int. x ø ex.)
18	TMV MF 16x24	Memory shape screw feed hose 16 x 24 (ø int. x ø ex.)

For the order specify the quantity of meters needed.

Legend

Ø int. x Ø ex.= ø int. x ø ex. (in mm)

BIT HOLDER

The bit holder is the accessory for connecting the bit to the motor. Bit holders are manufactured with high quality materials and treatments that guarantee high resistance to breaking and wear.

Component	Model	Description
19	PL 95,5	Bit holder total length (mm) 95,5
19	PL 113	Bit holder total length (mm) 113
19	PL 118	Bit holder total length (mm) 118
19	PL 125	Bit holder total length (mm) 125
19	PL 130	Bit holder total length (mm) 130
19	PL 146	Bit holder total length (mm) 146
19	PL 155	Bit holder total length (mm) 155
19	PL 165	Bit holder total length (mm) 165
19	PL 170	Bit holder total length (mm) 170
19	PL 195	Bit holder total length (mm) 195
19	PL 196,5	Bit holder total length (mm) 196,5



Bit holder

BITS

These accessories are manufactured with high quality materials and treatments that guarantee **high resistance to breaking and wear**. The models proposed are ideal for different applications. Depending on customer needs, different special bits are available upon request.

Component	Model	Description
20	L PH1	Bit for PH1 Ø 4,5
20	L PH2	Bit for PH2 Ø 4,5
20	L PZ1	Bit for PZ1 Ø 4,5
20	L PZ2	Bit for PZ2 Ø 4,5
20	L T27	Bit for TORXT 27
20	L T10	Bit for TORXT 10
20	L T15	Bit for TORXT 15
20	L T20	Bit for TORXT 20
20	L T25	Bit for TORXT 25
20	L T30	Bit for TORXT 30
20	L T8A	Bit for unscrewable TORX T 8
20	L T10A	Bit for unscrewable TORX T 10
20	L T15A	Bit for unscrewable TORX T 15
20	L T20A	Bit for unscrewable TORX T 20
20	L T25A	Bit for unscrewable TORX T 25
20	L T27A	Bit for unscrewable TORX T 27
20	L T30A	Bit for unscrewable TORX T 30
20	L IN 3,5	Bit for straight-slotted head Ø 3,5
20	L IN 4,5	Bit for straight-slotted head Ø 4,5
20	L IN 5	Bit for straight-slotted head Ø 5
20	L IN 5,5	Bit for straight-slotted head Ø 5,5
20	L IN 6	Bit for straight-slotted head Ø 6
20	L IN 6,5	Bit for straight-slotted head Ø 6,5
20	L IN 7,5	Bit for straight-slotted head Ø 7,5
20	L IN 8,5	Bit for straight-slotted head Ø 8,5

SUPPORTING FRAME

The supporting frame for automation components is **made from resistant material** and equipped with base plate for supporting the circular feeder and the screw feed, selection and shooting devices.

TECHNICAL FEATURES

MADE FROM EXTRUDED ALUMINIUM

**DIMENSIONS (MM):
LENGTH 500 x DEPTH 560 x HEIGHT 700**



Supporting frame

Component	Model	Description
21	STS	Supporting frame

PROTECTIVE COVER

This accessory is positioned over the screw feeding unit, on the supporting frame. It **protects and soundproofs** the equipment guaranteeing an ergonomic and safe work station.

It is equipped with an upper transparent porthole enabling to check the capacity of the bowl feeder and add new screws when required.

Component	Model	Description
22	CPP	Protective cover

TECHNICAL FEATURES

**DIMENSIONS (MM):
LENGTH 500 x DEPTH 560 x HEIGHT 310**



Protective cover

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