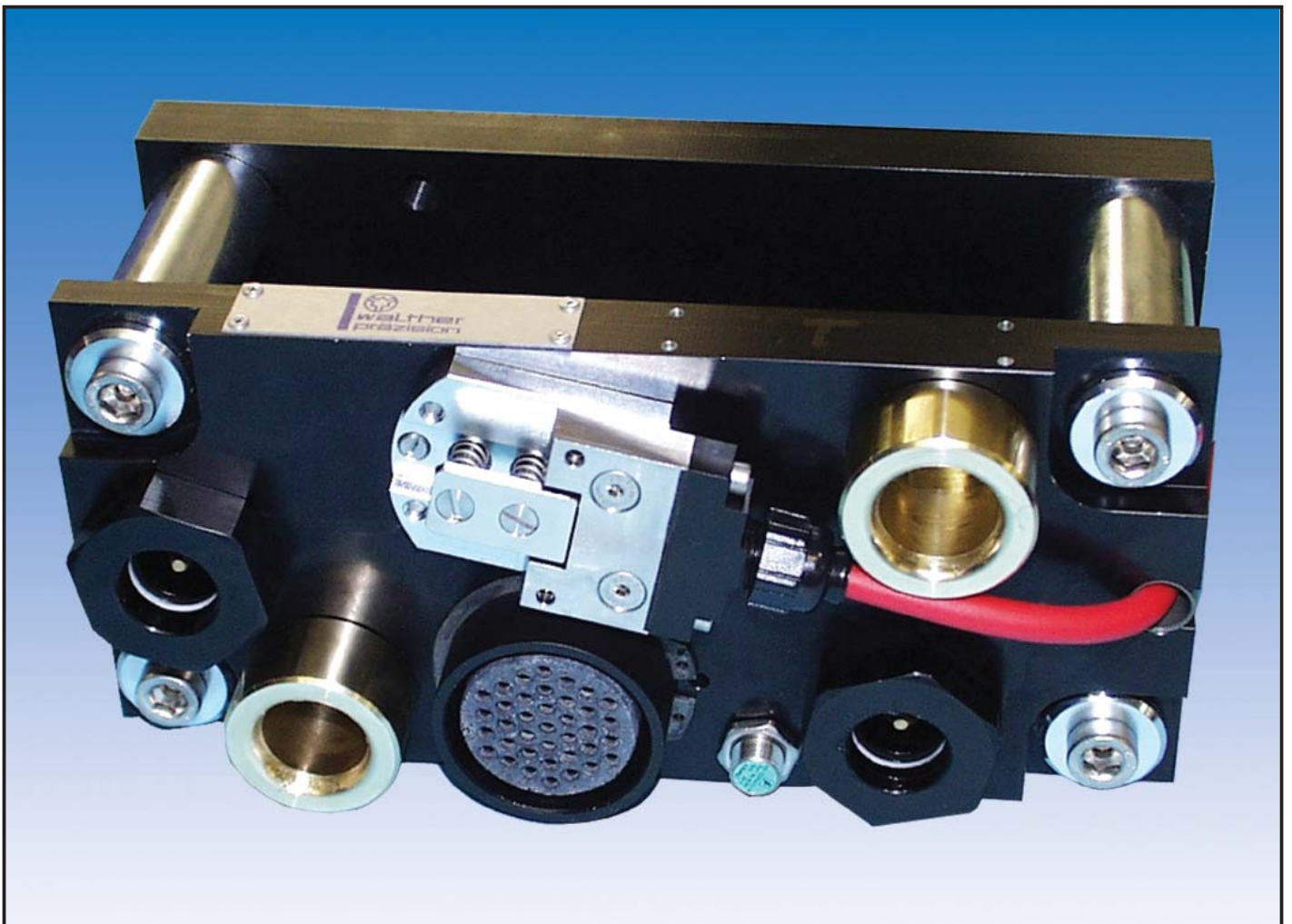


**Multicoupling
for the connection
of fluid, air and
electrical lines**



Multicoupling for the connection of fluid, air and electrical lines

- Preferred use in framing, turntable, geo stations and geo skid applications
- Basic plate design without drive and locking if the movement of the device can be used for element connection
- Push-pull make-up with own pneumatic drive
- Floating mount of the carrier plates allows $\pm 1,5$ mm misalignment. (More misalignment is possible.)
- Elements for gases/liquids in various designs and nominal bores
- Power connector in different sizes and with numerous pin orientation
- Signal connector for analogue signals. Shielded against EMI and insulated for bus data
- Fibre optic connector for bus data

Type 91362/Z01

Features:

Pneumatically driven multicoupling in push-pull make-up

2 air elements nominal bore 12 mm (1/2")
1 electro connector 37 way

Application area:

Automotive industry
Energy supply for frames, tools, turntables, geo skids



Type 91362

Features:

Basic plate design without drive

2 air elements nominal bore 12 mm (1/2")
1 electro connector 37 way
1 fibre optic connector (2 way)

Application area:

Automotive industry
Supply of frames, tools, turntables, geo skids



Multicoupling for the connection of fluid, air and electrical lines



Type 91365

Features:

Pneumatically driven multicoupling in push-pull make-up

2 cooling water elements nominal bore 10 mm (1/2") side mounted for ease of maintenance

Application area:

Plastic molding

Cooling of granulated EPS



Type 91360

Features:

Pneumatically driven multicoupling in push-pull make-up

Maximal allowed misalignment ± 6 mm

1 air element nominal bore 6 mm (3/8")

2 electro connectors 7 way

Application area:

Automotive industry

Supply of frames, tools, turntables, geo skids



Type 91314

Features:

Pneumatically driven multicoupling in push-pull make-up

Vertical coupling movement

1 air element n.b. 12 mm (1/2")

2 electro plugs 7 way

Application area:

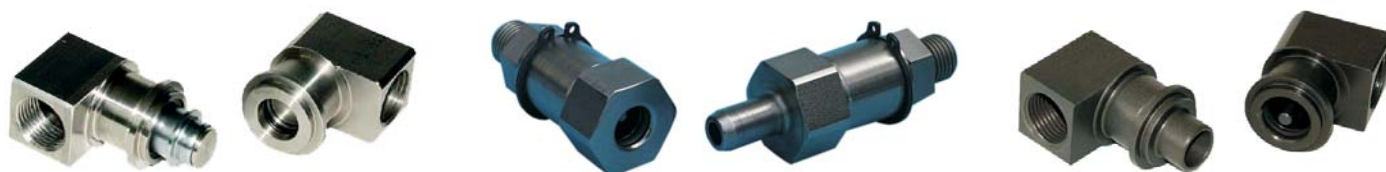
Assembly area

Compressed air supply of turntables

Multicoupling for the connection of fluid, air and electrical lines

Media elements:

Nominal bore	Medium	Pressure in bar	Connection	Material
6 (3/8")	compressed air	10	G 1/2"	Aluminium
10 (1/2")	compressed air cooling water	10	G 1/2"	stainless steel
12/16 (3/4")	compressed air cooling water	10	G 3/4"	stainless steel



Electro elements - signal connectors:

Number of contacts	Voltage / Amperage	Connection cross section	Housing clamp	Material
24 / 36	250V / 16A	1.5 mm ² (16 AWG)	PG 29	housing: POM/aluminium nickel plated contacts: brass, silver plated
17	bus data	1.5 mm ² (16 AWG)	PG 21	housing: aluminium nickel plated contacts: brass, gold plated
2 x fibre optic	bus data	-	bus plug	stainless steel/ POM
6/12/18	250 V / 10 A	1.0 mm ² (16 AWG)	M16 x 1.5 mm	housing: aluminium nickel plated contacts: brass, gold plated



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