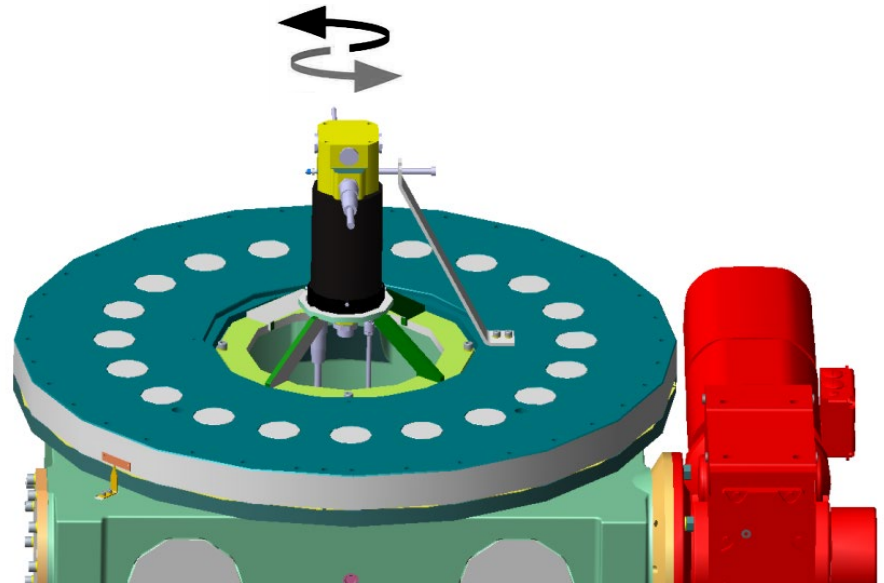
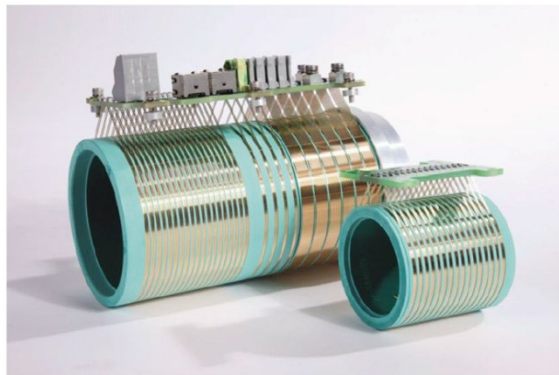
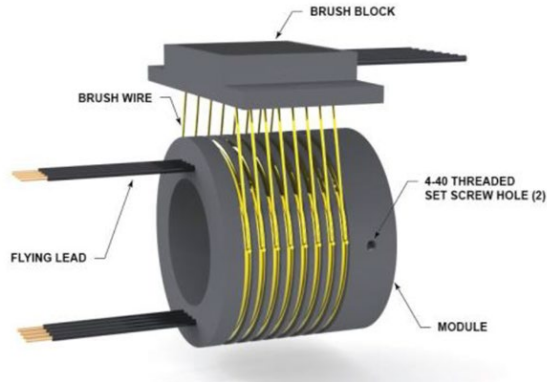


EXPERT-TÜNKERS Slip Ring Model ETSR2020

Expert-Tuenkers Slip Rings Units mounted to rotary or trunnion indexing drive mechanisms are used to transmit electric current, control signals and/or air from a stationary source to a rotating fixture or vice versa. Advantage of such a slip ring transmitter is that the fixture can be rotated > 360° clockwise or counter-clockwise without twisting any cables or hoses. Fieldbuses or Ethernet interfaces are being offered for communication. Individual solution are available beside our standard product range.

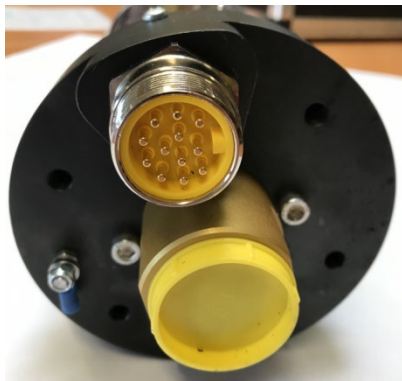
Benefits:





EXPERT HYBRIDE ROTARY UNION	
Part No.	ETSR 2020 (1350606)
Rotational speed	Max. 10 rpm
Air connection	In : 1 x 1" BSPP Out : 4 x 3/4" BSPP
Electrical power connections	In : 1 x connector RSF 126-M-14.75-NPT Distribution : 1 x RKF 126-M-14.75-NPT
Fieldbus connection	In : 1 x M12 Cod-D 4pts female Distribution : 1 x M12 Cod-D 4pts female
Anti-rotation arm	ISO7379 (M8) 10x90mm
Lifetime	~ 100 millions rotations*
Max. operating temperature	-20 - 80 °C
Net weight	~ 7 kg
Dimensions	L 275 mm / Ø 130 mm
Operating pressure	6 (±1) bar





EXPERT[®]
Indexing & Positioning.

Connector	Pin #	User Function	Ring #	Ring Rated Current	Ring Rated Voltage
RSF 126	1	Input Power	1	15A	400VAC
	2				
	3	Output Power	12	15A	
	4	Output Power	10	10A	
	5	Safety Input Power	13	15A	
	6	Power	16	15A	
	7	Power	11	10A	
	8	Spare	7	10A	
	9	PE	6	15A (Chassis Ground)	
	10	Output Power	14	15A	
	11	Output Power	9	10A	
	12	Spare	8	10A	
M12 D-Coded Female	1	RD+	1	2A	24V
	2	TD+	4		
	3	RD-	2		
	4	TD-	5		
	Case	Shield	3, 6	15A	400V

- Fieldbus: Profinet / Ethernet 100 BASE-TX 82 (2x twisted pairs shielded cable)
- 1 pneumatic port (max. 40 bar) – distributed over 4 stations
- 10 power circuits available (10A/400V)
- Mounting kit for EXPERT indexing table series EDH & EDX



Advantage

Integrated and high-capacity solution
Plug and play functional assembly.

Multi-wire brushes technology
Integrated redundancy.



Benefits

Reduced integration cost.

Designed for low maintenance.

Contact:

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