ASA-RT s.r.l.
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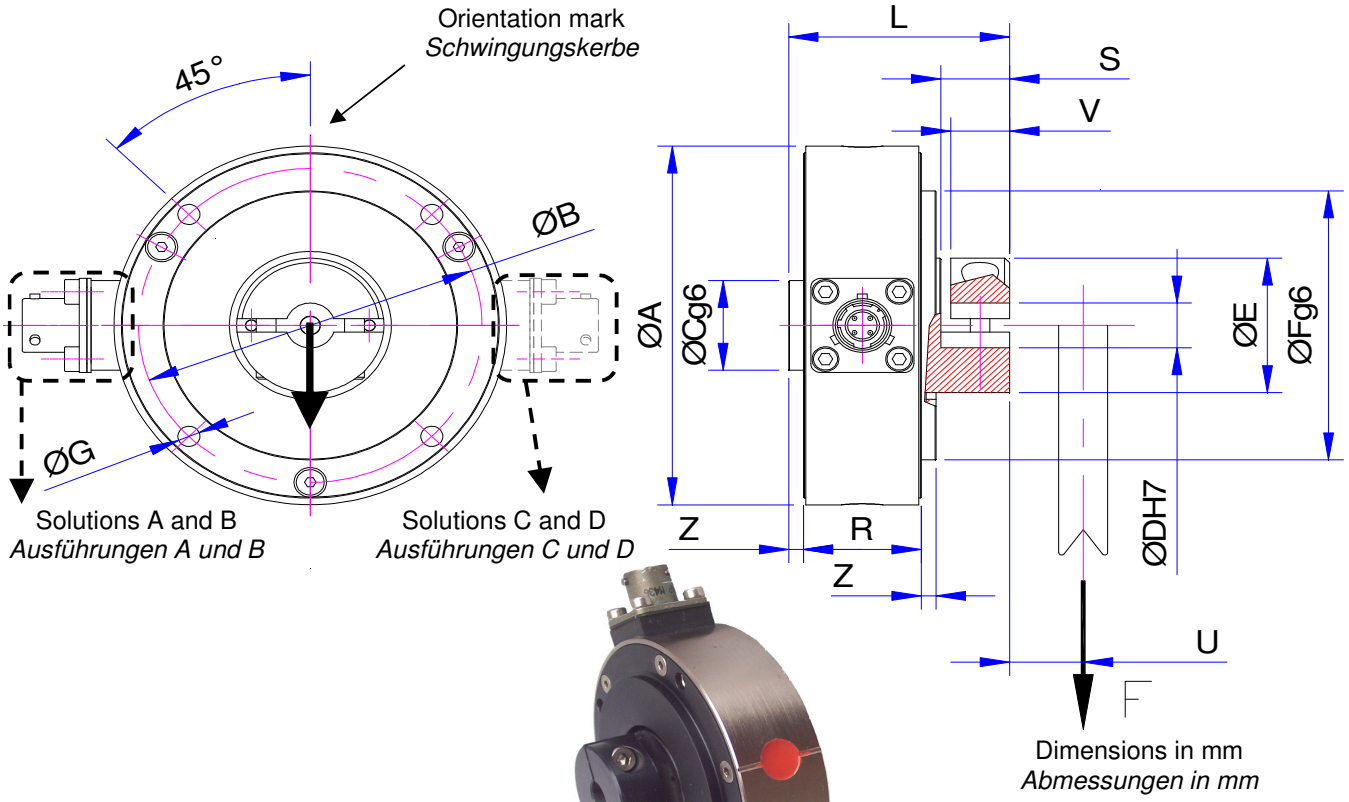
E-Mail: info@asa-rt.com http://www.asa-rt.com

PULLEY LOAD CELL
ZUGKRAFTMESSAUFNEHMER

ATB - S

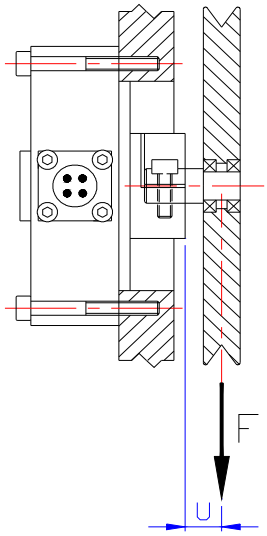
Technical data sheet S / A / 12 *Technisches Datenblatt*

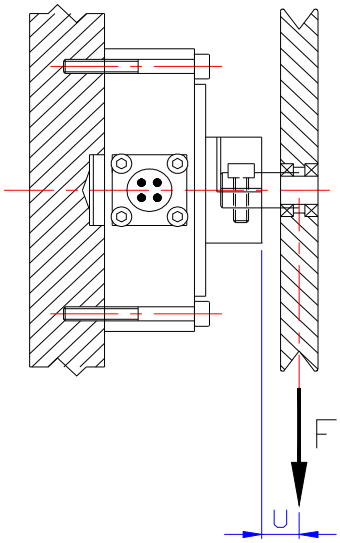


Type *Typ*	Nominal Force F (N) *Meßbereich F (N)*				A	B	C	D	E	F	G	L	R	S	U Sol A / C	U Sol B / D	V	Z	Material
ATB-S80	10	25	35		80	70	20	10	30	60	4,5	45	24	15	8÷12	26÷30	12	3	Avional
		50	75	100															
	250	500	750	1000															Steel / *Stahl*
ATB-S105	250	500	750	1000	105	75	60	25	50	60	6,5	68	32	28	12÷18	36÷40	26	3	Avional
	1500	2000																	Steel / *Stahl*

Technical Data		*Technische Daten*
- Limit Load	200% F	- *Grenzlast*
- Ultimate Load	> 500% F	- *Bruchlast*
- Sensitivity	1 mV / V	- *Empfindlichkeit*
- Accuracy	< 0.2 % F	- *Genauigkeit*
- Repeatability	< 0.2 % F	- *Wiederholgenauigkeit*
- Combined error	< 0.3 % F	- *Totalfehler*
- Zero bridge balance	± 1 % F	- *Nullpunktabweichung*
- Temperature effect on zero	± 0.1 % F / 10 °C	- *Temperatureinfluß auf den Nullpunkt*
- Temperature range	(+10 ...+60 °C) o (+10...+120 °C)	- *Arbeitstemperaturbereich*
- Bridge resistance	350 Ohm	- *Brückenwiderstand*
- Maximum supply voltage	12 Vdc	- *Max. Speisespannung*
- Protection Level	IP54	- *Schutzgrad*
- Connector male, 4 poles	MIL	- *Zwitterstecker, 4-polige*

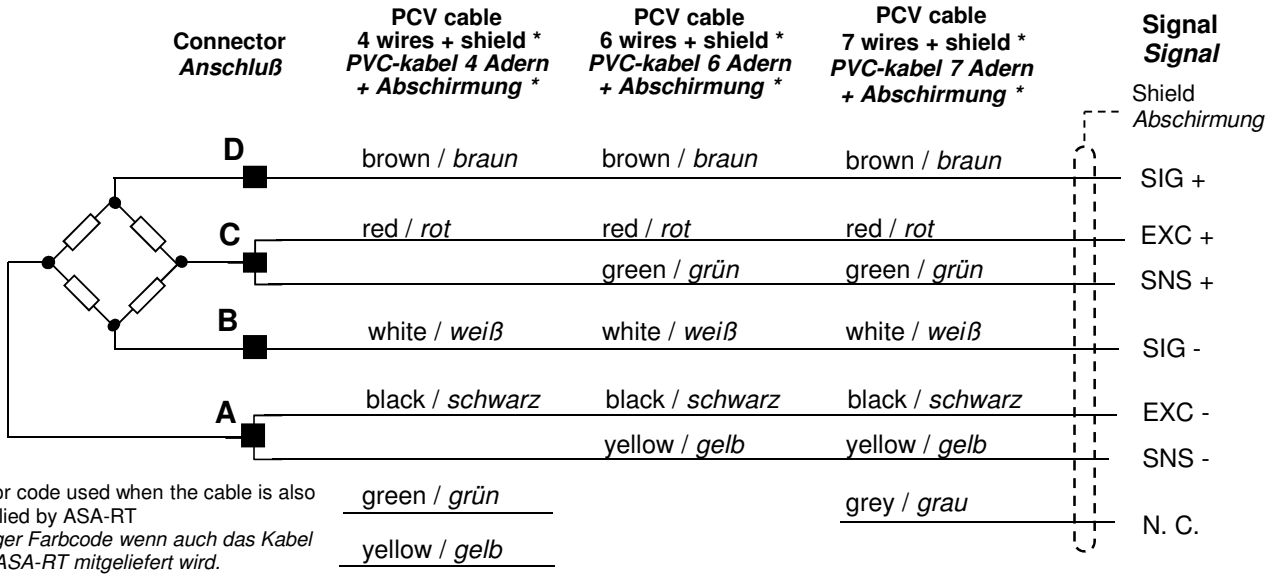
ASSEMBLING EXAMPLE
EINBAUBEISPIELE





Male connector ***Zwitterstecker***	**Suggested Female connector** ***Empfohlen Steckerhülse*** **(90°)**	
IPT02A8-4PN436	IPT06A8-4S(SR)N436	IPT08EM8-4S

ELECTRICAL CONNECTION
ELEKTRISCHE ANSCHLÜSSE



*Color code used when the cable is also supplied by ASA-RT
gültiger Farbcode wenn auch das Kabel von ASA-RT mitgeliefert wird.

ORDER CODE
BESTELLCODE