A-C® 629
OXIDIZED PE HOMOPOLYMER

Low density Oxidized Polyethylene (LDOxPE) homopolymer in prill form for use in solvent borne coatings as a rheological aid. It also finds use as a metal release agent in PVC. It can also be atmospherically emulsified for use in aqueous applications, such as textiles, lubricants, coatings and inks, to lower the COF and provide surface properties such as mar & abrasion resistance and increased slip.

TYPICAL PROPERTIES

PROPERTY	VALUE
Hardness, dmm (ASTM D-5)	5.5
Viscosity @ 140°C	200
Drop Point, Mettler	101°C(214°F)
Density	0.93
Acid Number	15

PRODUCT FORM AND SIZE

PROPERTY	VALUE
Product Form	Prill

REGULATORY APPROVALS

APPROVAL TYPE
Product Form Powder
FDA Indirect Approvals*
FDA Direct Food Additives Approvals*

* The regulation includes a reference to this product. This does not imply blanket approval. End users should refer to the specific FDA regulation for details including extraction limitations and restrictions on the use of this product.

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OUR COMMITMENT TO SUSTAINABILITY

THE FUTURE IS WHAT WE MAKE IT

For more information:
honeywell-additives.com

DTS-23-16-EN I 04/23

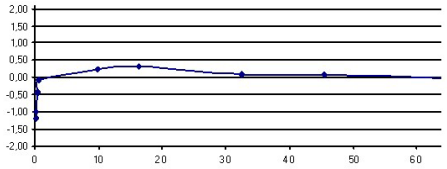
Honeywell

RABO-Compact (CT/CF) Technical Specifications

TECHNICAL DATA	
Gas Temperature*	-25°C to +70°C
Ambient Temperature	-25°C to +70°C
Storage Temperature	-40°C to +70°C
Operating Pressure	Max. 20 bar
Protection Class	IP 67 (suitable for outdoor installation)
Housing CF	Aluminum DN25-DN50
Housing CT	Aluminum G1 ½"
Mid Approval	DE-12-MI002-PTB001 (PTB)
Ped Approval	CE-0085CN0022 (DVGW Cert GmbH)
Atex Approval	Ex-zone 1
Medium	Natural gas and various filtered, non-corrosive gases, Hydrogen (in preparation)
Metrological Accuracy Class	AC 1,0
Reproducibility	< 0.1%
Indexes	S1V (standard), S2 (optional, no extra cost), Optional at extra cost: Absolute ENCODER S1D, double index S1D, double index MI-2D
Pulse Outputs	• LF pulser IN-Sx (reed contact, standard) in accordance with EC type-examination certificate TÜV 03 ATEX 2123 • LF pulser IN-W11 (Wiegand sensor, optional) in accordance with EC type-examination certificate TÜV 01 ATEX 1776 • HF pulser A1K (Namur sensor, optional) in accordance with EC type-examination certificate PTB 99 ATEX 2219X

ERROR LIMITS
Maximum permissible error limits in accordance with EN 12480
±1.0% for Qt* to Qmax
±2.0% for Qmin to Qt

**Qt dependent on measuring range (example: 0.05 Qmax at >1:50)*



PERFORMANCE DATA (MEASURING RANGES, PRESSURE LOSS, PULSE VALUE)

DN (mm)	Type	Q_{max} (m3/h)	Q_{min}*									V (dm3)	NF (Imp/ m3)	HF (Imp/ m3)	HF (hz) at Qmax	Δp (air)** (mbar) at Qmax	Δp (natural gas)** (mbar) at Qmax
			1:200	1:160	1:130	1:100	1:80	1:65	1:50	1:30	1:20						
25	G10	16	-	-	-	-	-	0.25	0.3	0.5	0.8	0.26	10	38770	171	1,5	1
25	G16	25	-	-	-	0.25	0.3	0.4	0.5	0.8	1.3	0.26	10	38770	267	3,8	2,5
25	G25	40	-	0.25	0.3	0.4	0.5	0.6	0.8	1.3	2	0.26	10	38770	427	10	6,6
32	G10	16	-	-	-	-	-	0.25	0.3	0.5	0.8	0.26	10	38770	171	0.7	0.4
32	G16	25	-	-	-	0.25	0.3	0.4	0.5	0.8	1.3	0.26	10	38770	267	1.8	1,2
32	G25	40	-	0.25	0.3	0.4	0.5	0.6	0.8	1.3	2	0.26	10	38770	427	4,6	3,2
32	G40	65	0.3	0.4	0.5	0.6	0.8	1	1.3	2	3	0.26	10	38770	694	10	6,6
40	G10	16	-	-	-	-	-	0.25	0.3	0.5	0.8	0.26	10	38770	171	0.6	0.4
40	G16	25	-	-	-	0.25	0.3	0.4	0.5	0.8	1.3	0.26	10	38770	267	1.8	1,2
40	G25	40	-	0.25	0.3	0.4	0.5	0.6	0.8	1.3	2	0.26	10	38770	427	4	2,6
40	G40	65	0.3	0.4	0.5	0.6	0.8	1	1.3	2	3	0.26	10	38770	694	8.4	5,5
50	G10	16	-	-	-	-	-	0.25	0.3	0.5	0.8	0.26	10	38770	171	0.6	0.4
50	G16	25	-	-	-	0.25	0.3	0.4	0.5	0.8	1.3	0.26	10	38770	267	1.8	1,2
50	G25	40	-	0.25	0.3	0.4	0.5	0.6	0.8	1.3	2	0.26	10	38770	427	4	2,6
50	G40	65	0.3	0.4	0.5	0.6	0.8	1	1.3	2	3	0.26	10	38770	694	8.4	5,5

**Qmin. ≤0,3m³/h valid for temperature range from -10°C to +70°C*

***Typical values, depending on test rig conditions*

RABO-Compact (CT/CF) Technical Specifications

INDEXES

S1V Index (standard)

- 8-digit mechanical index
- Index can be rotated 350°
- Protection class IP 67
- Can be used as main index

S2 Index (standard)

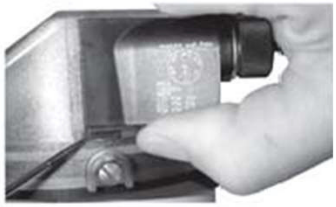
- top reading
- 8-digit mechanical index
- Index can be rotated 350°
- Protection class IP 67
- Can be used as main index

PULSE GENERATORS

Installation of the Pulser Module IN-S1x

- Slide the guides of the IN-S1x into the guide groove on the index cover
- Slide the IN-S1x over the safety catch on the index cover by applying slight pressure until the IN-S1x can be heard to engage

Removal of the Pulser Module IN-S1x



- Lift the lower catch of the IN-S1x using a screwdriver and pull gently out of the guide on the index cover.

Index with EK205 (optional)

LF Pulsers E1 and PCM

Elster-Instromet rotary gas meters are fitted with 2 low-frequency (LF) pulsers E1 and a monitoring contact (PCM) for detection of interferences caused by external magnetic fields as standard. Pulser modules IN-S1x can be plugged on without opening the index and can be retrofitted or replaced at any time.

LF Pulser IN-W11

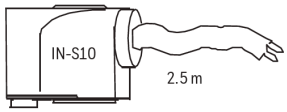
Elster-Instromet rotary gas meters can be optionally fitted with the LF Wiegand sensor module IN-W11 at the factory, instead of with the LF pulser module IN-S1x.

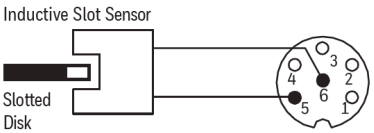
The IN-W11 is a low-frequency pulse generator with a defined pulse width for maximum reliability with no mechanical wear.

Characteristic data for the switch version in accordance with DIN EN 60947-5 (Namur):

Rated Voltage:	Un = 8 V DC
Internal Resistance	Ri = 1 k Ω
Current Consumption	active area free I >3 mA active area covered I ≤1 mA

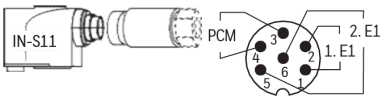
N-S10 (standard)

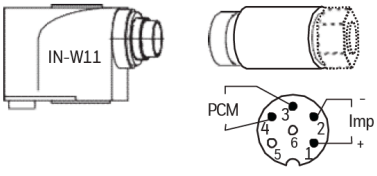




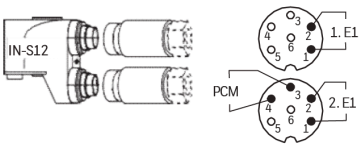
Pin Assignment of A1K 6-pin Plugs to DIN 45322 (Binder Series 423)

IN-S11 (optional)



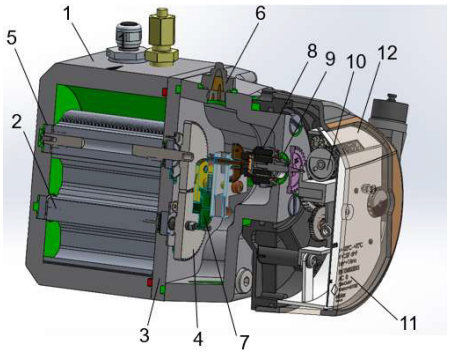


IN-S12 (optional)



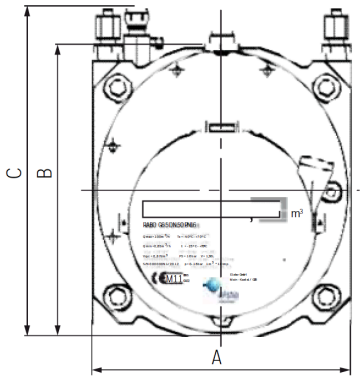
Adapter for RABO-CT

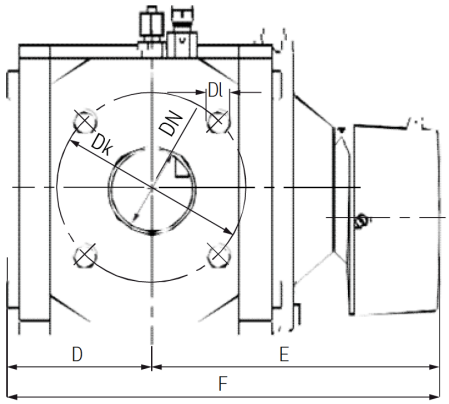
METER CONFIGURATION



1 Housing
2 Impeller
3 Bearing Cover
4 Synchronizing Gears
5 PermanentlyLubricated Ball Bearings
6 HF Pulser A1K (option)
7 Gear
8 Magnetic Coupler
9 Partition
10 Index
11 Main Plate
12 Index Cover

DIMENSIONS, WEIGHTS AND CONNECTIONS





RABO-CT/CF DIMENSIONS AND WEIGHTS

Size	Dimensions (mm)						Weight (Kg)
	A	B	C*	D	E	F	
RABO-CT G10-G40	121	126	160	46	167	213	5
RABO-CF G10-G40	171	126	160	46	167	213	6.5

CONNECTIONS

DN	Pressure Rating	Dk	Dl
25	PN 16/Class 150	85/79.20	4 x M12
32	PN 16/Class 150	100/88.90	4 x M16/4 x M12
40	PN 16/Class 150	110/98.60	4 x M16/4 x M12
50	PN 16/Class 150	125/120.70	4 x M16/4 x M16

** When connecting thermowells, pressure taps or the high frequency pulser and when mounting a volume conversion device, height C changes accordingly (e.g. RABO with fitted EK280 = B + 270 mm)*

For more information

To learn more about Honeywell Elster's Gas Solutions, visit www.honeywellprocess.com or contact your Honeywell account manager.

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