JUMO tecLine CR – Conductive Two-Electrode Conductivity Sensor (202924)



- Two-electrode principle
- For measuring ranges from 0.05 µS/cm to 1 mS/cm
- Large selection of process connections
- Versions that meet pharmaceutical requirements available with certificate

Order details

						(1)	**Basic type**
					202924/10		JUMO tecLine CR-VA conductive 2-electrode conductivity sensor
					202924/20		JUMO tecLine Lf-VA SL (diameter 16 mm)
					202924/21		JUMO tecLine CR-VA SL conductive 2-electrode conductivity sensor short design
					202924/30		JUMO tecLine CR-PK conductive 2-electrode conductivity sensor
					202924/31		JUMO tecLine CR-PL conductive 2-electrode conductivity sensor
						(2)	**Cell constant**
X	X	X	X	X	0001		K = 0.01 (range 0.05...20 µS/cm)
X	X	X	X	X	0010		K = 0.1 (range 0.1 µS/cm...1 mS/cm)
						(3)	**Measuring insert**
X	X	X			0000		Without measuring insert
X	X	X			1003		1x Pt100 in 2-wire circuit
X	X	X	X	X	1005		1x Pt1000 in 2-wire circuit
						(4)	**Process connection**
X	X				104		Screw connection G 1/2
X					105		Screw connection G 3/4
X					106		Screw connection G 1
X					144		Screw connection 1/2-14NPT
X					145		Screw connection 3/4-14NPT
X					604		Taper socket with union nut DN 25 DIN 11851 (dairy compression fitting)
X	X	X			613		Clamping socket (clamp) DN 25/32/40 DIN 32676 (1 1/2" ISO 2852)
			X	X	997		JUMO PEKA adapter system
						(5)	**Electrical connection**
X	X	X			17		Fixed cable, length 5 m
X	X	X			37		Angled connector acc. to DIN EN 175301-803
X	X	X	X	X	83		M12 connector
						(6)	**Process connection material**
X					24		CrNi 1.4404 (only for HT version)
X					26		CrNi 1.4571
X	X	X	X	X	31		Stainless steel 1.4435 (similar to 316L, pharmaceutical version)
X					88		PVDF (standard)
						(7)	**Electrode material**
X					24		CrNi 1.4404 only for HT version
X					26		CrNi 1.4571
X	X	X	X	X	31		CrNi 1.4435
X					60		Ti (titanium)
						(8)	**Extra codes**
X	X	X	X	X	000		Without extra code
X	X	X	X	X	374		Inspection certificate 3.1 material DIN EN 10204
X					765		High-temperature version
X	X	X	X	X	864		Inspection certificate 3.1 material / surface roughness
X	X	X	X	X	955		ASTM certificate
X	X	X	X	X	956		FDA-Bescheinigung

Order code

(1)		(2)		(3)		(4)		(5)		(6)		(7)		(8)
	-		-		-		-		-		-		/	

2026-10-17

Note:
"The order code is a type explanation – not a modular system for own sensor combinations.
If you wish your own combinations please ask the JUMO analytical measurement experts for prior approval.“

Quantity discounts on request

Important information
The JUMO tecLine CR-PEKA S (202924/30) and JUMO tecLine CR-PEKA L (202924/31) sensors cannot be installed in the process without the PEKA process connection adapter. The adapter is an accessory and must be ordered separately (see Accessories)!



Stock versions

Order code	Part no.
202924/10-0001-1003-104-37-88-26/000	00350625
202924/10-0001-0000-105-37-88-26/000	00300204
202924/10-0001-1003-105-37-88-26/000	00300079
202924/10-0001-1003-106-37-88-26/000	00089393
202924/10-0001-1003-613-37-31-31/864,955,956,	00420617
202924/10-0010-0000-105-37-88-26/000	00300203
202924/10-0010-1003-104-37-88-26/000	00338487
202924/10-0010-1003-105-37-88-26/000	00300202
202924/10-0010-1003-106-37-88-26/000	00089389
202924/10-0010-1003-613-37-31-31/864,955,956,	00405886
202924/20-0001-1003-104-83-31-31/000	00452527
202924/20-0001-1003-613-37-31-31/000	00462108
202924/20-0001-1003-613-83-31-31/864,955,956,	00456810
202924/20-0010-1003-104-83-31-31/000	00456809
202924/20-0010-1003-613-83-31-31/864,955,956,	00456812
202924/31-0001-1005-997-83-31-31/864,955,956,	00562984

Accessories

Description	Part no.
202990/09-00-25-00	00303681
202990/09-00-50-00	00304181
PEKA Varivent DN 40-125 APZ 3.1 Ra<0,8 (	00577961
PEKA Aseptik DN 50 APZ 3.1 Ra<0,8 (PG 209791) Flange	00577979
PEKA Aseptik DN 40 APZ 3.1 Ra<0,8 (PG 20 Flange	00577995
PEKA Clamp DN 50 Clamp APZ 3.1 Ra<0,8 (P	00577997
PEKA Clamp DN 40 inspect. certifcate 3.1 Flange	00577998
PEKA Aseptik-NKS DN 40 APZ 3.1 Ra<0,8 (P Flange	00577999
Wartung Analysenmesstechnik	00758365

Accessories see price sheet:
- JUMO Technical Buffer / Cleaning Solutions (202950)
- JUMO Cables and Connectors (202990)