Electric Vacuum Pump with Integrated Electronics – Schmalz GCPi

Schmalz GCPi is ideal for use as a local centralized vacuum generator in automation systems targeting fast handling processes.

- Handling of suction-tight/non-porous workpieces is preferred thanks to the suction capacity and blowoff function. Capabilities allow for handling of lightweight porous workpieces as well.

- Intelligent vacuum control enables gentle handling of delicate workpieces such as thin sheets or glass, vacuum levels are configurable to suit your application needs.

- IO-Link and NFC interfaces allow for fast and cost-effective programming, troubleshooting, and monitoring.

- Set important process parameters via user-friendly touch display.

- Control cables purchased separately, see Quick# 7823, 7824, 7825, and 7826 on page 267.

No Compressed Air Required!

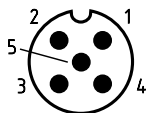| Quick#	Part#	Price	Max Vacuum Level	Max Suction Flow		Power Supply		Wt
				CFM	**l/min**	**Voltage**	**Max Current Draw**	
8826	GCPI-50-5XM12-5	$4,020.55	80%	1.62 CFM	46 l/min	24 V	3.5 A	3220g

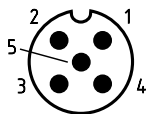# Electric Vacuum Pump with Integrated Electronics – Schmalz GCPi
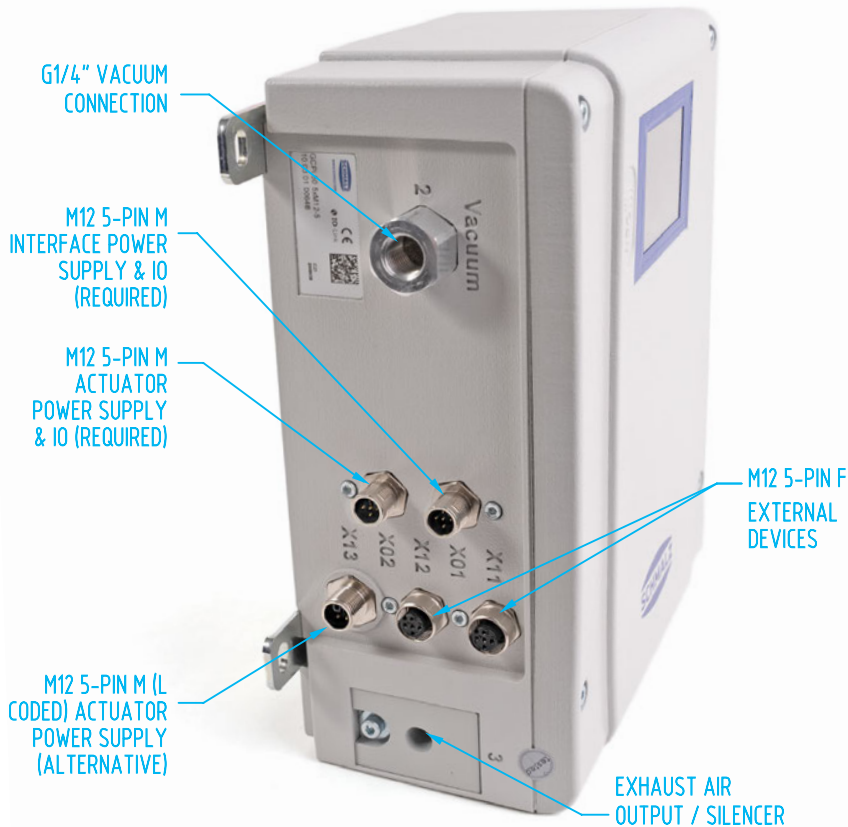
(Dimensioned drawings shown at 50% scale)

X01

Pin	Wire	Function
1	Brown	System Power U_s
2	White	Output (Part)
3	Blue	Ground GND_S
4	Black	Output / IO-Link
5	Gray	-

X02

Pin	Wire	Function
1	Brown	Actuator Power U_A
2	White	Input (Release)
3	Blue	Ground GND_A
4	Black	Input (Vacuum)
5	Gray	-

G1/4" VACUUM CONNECTION

M12 5-PIN M INTERFACE POWER SUPPLY & IO (REQUIRED)

M12 5-PIN M ACTUATOR POWER SUPPLY & IO (REQUIRED)

M12 5-PIN F EXTERNAL DEVICES

M12 5-PIN M (L CODED) ACTUATOR POWER SUPPLY (ALTERNATIVE)

EXHAUST AIR OUTPUT / SILENCER

TOUCHSCREEN INTERFACE

102.3

204

190

166.1

236

4

6.6

CU

QC

VG

VC

VA

SG

GR

MT

AC

CS

CC