

**Note!**

Ex versions of digital sensors with Memosens technology are indicated by an orange-red ring in the plug-in head.

Biocompatibility

Biocompatibility validated according to:

- ISO 10993-5:1993
- USP, current revision

**TÜV certificate
TOP68 plug-in head**

Pressure resistance 232 psi (16 bar), min. triple overpressure safety

**TÜV certificate
Memosens plug-in head**

Pressure resistance 232 psi (16 bar), min. triple overpressure safety

**Electromagnetic compatibility
of CPS41D**

Interference emission and interference immunity complies with EN 61326: 1997 / A1: 1998

Ordering information

Product structure CPS41

Electrode type				
	1	without temperature sensor		
	2	with built-in Pt 100 (not available with GSA and SSA plug-in heads)		
	3	with built-in Pt 1000 (not available with GSA and SSA plug-in heads)		
Application range				
	AB	pH = 1 to 12, T = 5 to 176°F (-15 to 80°C), 1 diaphragm		
	AC	pH = 1 to 12, T = 5 to 176°F (-15 to 80°C), 3 diaphragms		
	BB	pH = 0 to 14, T = 32 to 275°F (0 to 135°C), 1 diaphragm, sterilizable		
	BC	pH = 0 to 14, T = 32 to 275°F (0 to 135°C), 3 diaphragms, sterilizable		
Shaft length				
	2	120 mm / 4.72" (ESS and SSA plug-in heads only)		
	4	225 mm / 8.86"		
	5	360 mm / 14.17" (ESS plug-in head only)		
	6	425 mm / 16.73" (ESS plug-in head only)		
Plug-in head				
	ESA	Plug-in head Pg 13.5, TOP68, 232 psi (16 bar), Ex		
	ESS	Hose connection head Pg 13.5, TOP68, Ex		
	GSA	Plug-in head Pg 13.5, DIN coax, non Ex		
	SSA	Hose connection head Pg 13.5, non Ex		
CPS41-				complete order code

Product structure CPS41D

Version				
	7	Basic version		
Application range				
	AB	pH = 1 to 12, T = 5 to 176°F (-15 to 80°C), 1 diaphragm		
	AC	pH = 1 to 12, T = 5 to 176°F (-15 to 80°C), 3 diaphragms		
	BB	pH = 0 to 14, T = 32 to 275°F (0 to 135°C), 1 diaphragm, sterilizable		
	BC	pH = 0 to 14, T = 32 to 275°F (0 to 135°C), 3 diaphragms, sterilizable		
Shaft length				
	2	120 mm / 4.72" (versions with KCl hose connection only)		
	4	225 mm / 8.86"		
	5	360 mm / 14.17" (versions with KCl hose connection only)		
	6	425 mm / 16.73" (versions with KCl hose connection only)		
Electrolyte supply				
	A	Shaft hole for KCl refilling, CPA441		
	B	KCl hose connection, CPY7		
Approval				
	I	Non-hazardous area		
	G	ATEX II 2G EEx ia IIC T3/T4/T6		
CPS41D-				complete order code