

Changes in detail

GEMÜ A690 actuator and GEMÜ R690 diaphragm valve (diaphragm size 20 to 40)

Diaphragm Size		MG 20						MG 25						MG 40					
Control function 1 (Normally Closed)																			
Actuator version		Old			Changed			Old			Changed			Old			Changed		
		EDL	EDM	EDN	EDL	EDM	EDN	FDL	FDM	FDN	FDL	FDM	FDN	HDM	HDN	HDL	HDM	HDN	
Operating pressure	EPDM diaphragms	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	4 bar	10 bar	4 bar	6 bar	10 bar	
	PTFE diaphragms	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	4 bar	10 bar	4 bar	6 bar	10 bar	
Dimensions [mm]	Diameter	100						130						171					
	Height without position indicator	100						125						171					
	Height with position indicator	117						141						191					
Union for actuator cover and base	Type	From below						From below						From below					
	Number of bolts	6						8						8					
Optical position indicator		●						●						●					
RFID retainer for		-			Plug-In			-			Plug-In			-			Plug-In		
Control air bush material	Base	Plastic			Brass			Plastic			Brass			Plastic			Brass		
Control function 2 & 3 (Normally Open & Double Acting)																			
Actuator version		Old			Changed			Old			Changed			Old			Changed		
		EDN			EDN			FDN			FDN			HDN			HDN		
Operating pressure	EPDM diaphragms	10 bar						10 bar						10 bar					
	PTFE diaphragms	10 bar						10 bar						10 bar					
Dimensions [mm]	Diameter	100						130						171					
	Height without position indicator	76						90						128					
	Height with position indicator	104						118						156					
Union for actuator cover and base	Type	From below						From below						From below					
	Number of bolts	6						8						8					
Optical position indicator		●						●						●					
RFID retainer for		-			Plug-In			-			Plug-In			-			Plug-In		
Control air bush material	Cover	Plastic			Brass			Plastic			Brass			Plastic			Brass		
	Base	Plastic			Brass			Plastic			Brass			Plastic			Brass		
Availability	Actuator GEMÜ A690	Until November 2020			From November 2020			Until November 2020			From November 2020			Until November 2020			From November 2020		
	Valve GEMÜ R690																		
Change of type designation and article number		no																	

● = standard

Changes in detail

GEMÜ A690 actuator and GEMÜ R690 diaphragm valve (diaphragm size 50 to 100)

Diaphragm Size		MG 50									MG 80		MG 100					
Control function 1 (Normally Closed)																		
Actuator version		Old			Changed			New			Old		Changed		Old		New	
		KDL	KDM	KDN	KDL	KDM	KDN	JDL	JDM	JDN	MDN		NDN					
Operating pressure	EPDM diaphragms	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	8 bar		6 bar					
	PTFE diaphragms	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	3 bar	6 bar	10 bar	6 bar		4 bar					
Dimensions [mm]	Diameter	210						211			258		258					
	Height without position indicator	206						212			268		294					
	Height with position indicator	232						238			310		342					
Union for actuator cover and base	Type	From above						From below			From above		From above					
	Number of bolts	6						10			12		12					
Optical position indicator		Standard						Standard			Standard		Standard					
RFID Aufnahme		-						Plug-In			-		-					
Control air bush material	Base	Brass						Brass			Brass		Brass					
Control function 2 & 3 (Normally Open & Double Acting)																		
Actuator version		Old			Changed			New			Old		Changed		Old		Changed	
		KDN			JDN			MDN		NDN								
Operating pressure	EPDM diaphragms	10 bar						10 bar			8 bar		6 bar					
	PTFE diaphragms	10 bar						10 bar			6 bar		4 bar					
Dimensions [mm]	Diameter	210						211			258		258					
	Height without position indicator	149						163			221		260					
	Height with position indicator	186						200			287		297					
Union for actuator cover and base	Type	From above						From below			From above		From above					
	Number of bolts	6						10			12		12					
Optical position indicator		Standard						Standard			Standard		Standard					
RFID retainer for		-						Plug-In (optional)			-		-					
Control air bush material	Cover	Plastic						Brass			Brass		Brass					
	Base	Plastic						Brass			Brass		Brass					
Availability	Actuator GEMÜ A690	Until November 2020			From November 2020 until the end of 2022			From May 2020			Until November 2020		From November 2020		Until November 2020		From November 2020	
	Valve GEMÜ R690				From November 2020 until April 2021													
Change of type designation and article number		no						yes			no		no					

● = standard