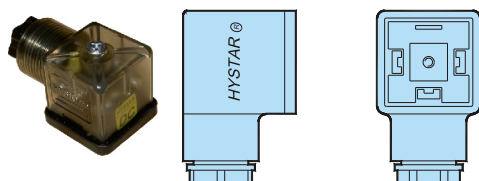


ELECTRIC CIRCUIT DIAGRAM

A

DIN Connector Type

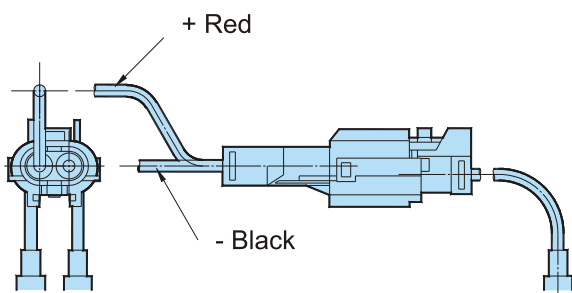
DIN 43650 - (mPm connector)



- 1). German DIN standard 43650 plug.
- 2). Connector with indicator lights as standard.
- 3). Gland-nud : Pg9 or Pg11
- 4). Cable diameter :6-8mm (Pg9), 8-10mm (Pg11)
- 5). Number of poles : 2 + ground (3 + ground).
- 6). Nominal voltages :
AC 12V - 250V ; DC 9V - 225V.
- 7). Tighten the fixing screw to a torque of
0.5 - 0.7 Nm (4.3 - 6.1 in-lbs.)
- 8). LED (A.C : Red.,D.C : Yellow.,RAC : Green)

Lead Wire Connection Type

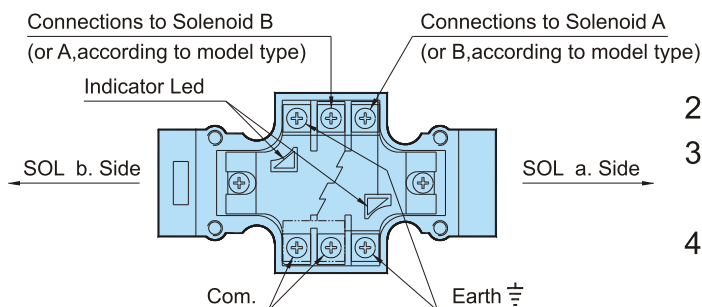
" SWP connector "



- 1). Plug-in connector.
- 2). Water proof.
- 3). Vibration proof.
- 4). Cable diameter : 6 - 10mm
- 6). Nominal voltages :
AC 12V - 250V ; DC 9V - 225V.
- 5). Insulation : Group C - VDE0110

Terminal Strip and Led Options

(With indicator led)



- 1). Double solenoid valve is provided with common terminal to facilitate wiring.
When it is not used,remove it by loosening the terminal screws.
- 2). Cable diameter : 6 - 10mm
- 3). Nominal voltages :
AC 12V - 250V ; DC 9V - 225V.
- 4). Tighten the terminal screw to a torque of
0.5 - 0.7 Nm (4.3 - 6.1 in-lbs.)

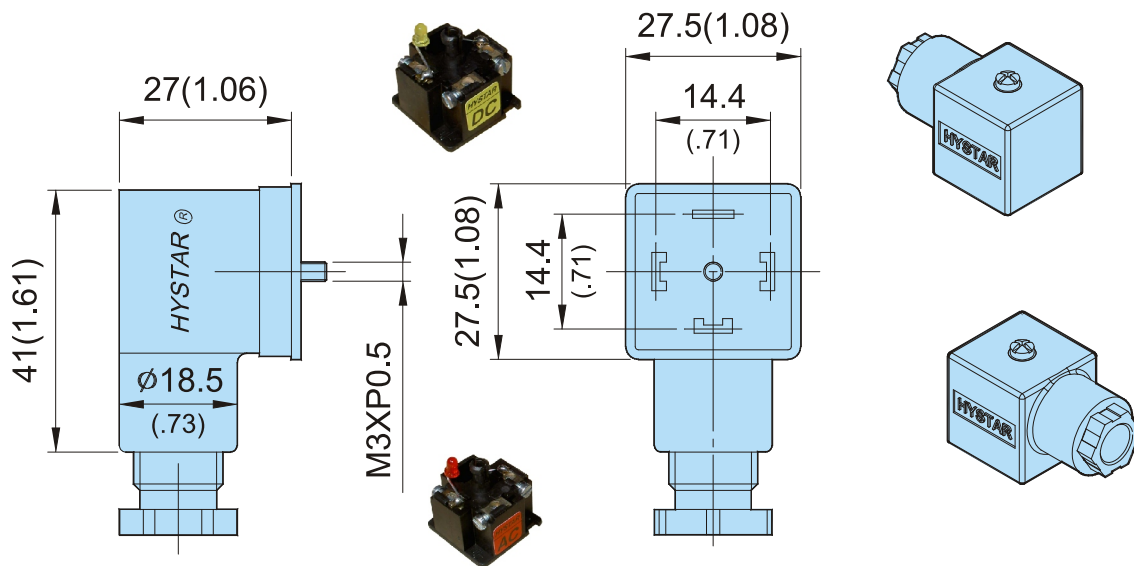
AC solenoid	DC solenoid	Rectifier built-in type



DIMENSIONS

MILLIMETERS(INCHES)

SOLENOID/CONNECTOR DESIGN-A/DIN 43650



ORDERING CODE :

TYPE :

HKA

2+GROUND (2 + $\frac{1}{3}$)

HKB

3+GROUND (3 + $\frac{1}{3}$)

TECHNICAL DATA :

HOUSING :	BLACK AND GREY : PA+30%GF CLEAR : POLYIMIDE	
CONTACT HOLDER :	PA+30%GF	
GASKET :	THERMOPLASTIC RUBBER	
CONTACT MATERIAL :	Cu Zn (Ag)	
MAX. VOLTAGE :	250AC/300V DC	
REF. TO CONNECTOR W/O ANY WIRING :		
MAX. CURRENT	16A	
OPERATING CURRENT :	10A	
SPACING :	18mm	
NO. OF CONTACTS :	2+GROUND (2 + $\frac{1}{3}$)	3+GROUND (3 + $\frac{1}{3}$)
MAX. WIRE CROSS-SECTION :	AWG 14	
CONNECTOR TYPE :	PG 9 (6 - 8 mm)	
CABLE DIAMETER :	PG 11 (8 - 10 mm)	
PROTECTION CLASS :	IP 65 DIN 40050	
INSULATION CLASS :	C - VDE0110	
OPERATING TEMPERATURE :	- 40°C ... +150°C	